

SONOMA COUNTY / OPERATIONAL AREA

Animals in Disaster Response Plan
An Annex to the Emergency Operations Plan



DECEMBER 2018

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I. INTRODUCTION

A. OVERVIEW

Sonoma County is home to a wide array of disaster possibilities such as earthquakes, fires and floods. It has become widespread knowledge from past disasters that often people will not evacuate their homes unless they can bring their pets and livestock with them. For many people, pets are considered a member of the family. No one wants to leave animals behind, and when asked to do so, many owners will risk their own lives and the lives of others to save their animals. When people are unwilling to enter a shelter or refuse to evacuate during an emergency, they remain at risk, could be arrested, and place rescue workers at risk. Additionally, many who own livestock are not prepared with specialized transport and holding areas, which may be difficult or impossible to arrange during a sudden disaster.

Disaster preparedness strategies for pets and livestock safety must be in place before a disaster occurs. Disaster preparedness for animal safety can reduce undue loss and suffering of animals, which lessens additional trauma to victims already suffering from the disaster. State and local governments are increasingly realizing that planning for the evacuation and sheltering of animals in any disaster is essential to the well-being of all residents.

The *Sonoma County Animals in Disasters Annex* is designed as a countywide document to be annexed to the *Sonoma County/Operational Area Emergency Operations Plan*. This Annex will provide an overview and guidance for the care and sheltering of animals following a major disaster. This Annex can be adapted for local jurisdictions within Sonoma County.

The planning for this Annex was done by review of statewide and national Animals in Disaster Committees, and groups representing public, private and non-profit animal care agencies throughout California and the United States. The various committees and templates have provided guidance and resources for the development of this plan.

The basis for this plan and its attachments is the animal shelter operations guidance document by the Bay Area Urban Area Security Initiative (UASI). The document also represents animal disaster guidelines published by the California Department of Food and Agriculture (CDFA) and the UC Davis Division of Agriculture and Natural Resources (DANR), along with best practices provided by the National Alliance of State Agriculture and Animal Emergency Planners (NASAAEP).

B. PURPOSE

This Annex is designed to assist the Sonoma County/Operational Area (County/OA) in preparing for the care and sheltering of animals before, during and after a disaster. This document outlines guidance for the care and sheltering of animals throughout Sonoma County in a major disaster.

The purpose of this Annex is to:

- Provide standardization for protocols and practices for evacuating and sheltering animals in a disaster in Sonoma County and its local jurisdictions
- Provide direction for the overall coordination of resources for animal care in the County/OA
- Ensure the planning for animal care is included within and consistent with the Standardized Emergency Management System (SEMS) and the National Incident Management System (NIMS), both in the County/OA and in the field
- Identify key players and resources for sheltering animals in a disaster

C. GOALS AND OBJECTIVES

Overall Goals:

- Protect the health & safety of the community
- Provide for the immediate care, control and safety of animals
- Minimize animal suffering, loss of life, and potential disability by ensuring a timely and coordinated assistance
- Provide for the care of animals brought into shelters, housed in mobile shelters and/or other evacuation sites
- Provide a system for returning animals to their owners.

Objectives:

- Establish procedures for activating and deactivating this Annex
- Provide for the management of animal control services, facilities, activities and resources in disaster response and recovery
- Provide a framework on which the County, cities and other supporting agencies can develop support plans and standard operating procedures.

D. ORGANIZATION & SCOPE

This document is an Annex to the *Sonoma County/Operational Area Emergency Operations Plan*.

This Annex is applicable within the geographical boundaries of Sonoma County. The Annex references multiple county, regional, state and national organizations that may help to provide services or resources needed to meet the needs of evacuating and sheltering animals during a disaster.

For purposes of this Annex, an animal services disaster applies primarily to a major situation or potential situation which creates sufficient animal-related problems that exceed the capabilities of the local animal control agency.

II. PLANNING AND PREPAREDNESS

A. ASSUMPTIONS

In disasters, the first priority is the protection of life, property and the environment. This has not historically always included planning for the coordinated response for the evacuation, care and sheltering of animals. Based on previous experiences with disaster and local planning efforts, the following planning assumptions are made regarding animals in disaster:

- Local resources within Sonoma County will be very limited the first few days following a major disaster
- Many residents assume government resources will be available to rescue them and their pets in an emergency
- Most pet owners do not make evacuation plans and have not stockpiled resource and supplies to care for their pets
- Evacuation orders may not give information about taking pets
- A percentage of pet owners will fail to evacuate because of their animals
- Many pet owners will arrive at human shelters with their pets
- Some pet owners, especially those with livestock, will leave pets behind
- Service animals will be allowed in human shelters
- All other pets and animals will typically not be allowed in human shelters
- A large number of animals will need shelter and will arrive without provisions
- Many owners will be separated from their animals because of the disaster
- Animals will arrive at shelters without medical history
- There will be an increased danger of disease and contamination

B. PLANNING GUIDANCE

As with all planning for disaster response, it is always more effective to plan prior to a disaster and anticipate resource needs, operational plans and coordination with other response agencies. Disasters in California are managed locally, with incoming state and federal resources coordinated through the Sonoma County/Operational Area Emergency Operations Center (EOC). It is critical that local agencies work within their emergency response systems at a city level and coordinate activities and resources through their local city EOC to provide for the best countywide coordination possible. In this way, working within this emergency management system, jurisdictions and organizations will be able to provide and care for the greatest number of animals possible within Sonoma County after a large-scale disaster.

Another overall planning concept for this Annex is the assumption that field-level temporary shelters will need to be established at a variety of locations to meet the needs of sheltering animals in a disaster.

Ideally, these shelters will be located next to Red Cross shelters and other mass care shelters to allow people to reside in shelters in proximity to their pets. To this end, Sonoma County has purchased and stocked two large trailers that can be mobilized and deployed to establish temporary animal shelters. Some local jurisdictions and agencies also have trailers to set up mobile shelters. Other strategies will also need to be employed to establish enough field shelters to successfully co-locate animals with their owners as much as possible. Establishing animal shelters co-located with human shelters is a key priority for supporting the health and safety of both animals and their owners.

III. TYPES OF ANIMALS

The California Animal Response Emergency System (CARES) defines “animals” as “affected commercial livestock, companion animals, exhibition animals, captive wildlife, and exotic pets.” This definition is used for state level response activities. The Urban Area Strategic Initiative (UASI) Animals Operations Guide recommends that dogs, cats, rabbits, birds, reptiles, horses, livestock, exotic pets, captive wildlife and wildlife should be considered in disaster planning. Service animals, defined by the American with Disabilities Act (ADA) as guide dogs, signal dogs and other animals trained to provide assistance to individuals with disabilities are exempt from restrictions with regards to facility and transportation access.

For the purposes of the protocols outlined in this Annex, animals will be categorized by the following species or types used in the Bay Area UASI guidance:

- Dogs and cats
- Rabbits/small mammals
- Reptiles/amphibians
- Domestic/exotic birds
- Horses/equine
- Chickens/other fowl
- Livestock/farm animals
- Other exotic pets

IV. KEY PLAYERS

A. SONOMA COUNTY OPERATIONAL AREA

Serving as the lead for the County/OA, the County of Sonoma is responsible for coordinating and managing resources in the County during a disaster. The County is the primary point of contact for allocating resources within the jurisdictions of Sonoma County and requesting resources from the state. The Operational Area (OA) includes all the cities and special districts such as schools, water and reclamation. Both within the EOC and at the scene of the disaster, the Incident Command System (ICS) will be used to manage response activities.

The command structure in the EOC will include an Animal Services Liaison who is a designated animal control officer or other knowledgeable person trained in disaster response, animal care and animal rescue. The County has two mobile animal shelter trailers that may be deployed in support of local operations throughout the County. The allocation and deployment of these resources will be determined by the County and coordinated by the EOC.

B. CITIES AND CITY EMERGENCY OPERATIONS CENTERS (EOCs)

Local government is often the first point of contact for residents needing help or services in an emergency. Local government may have limited capacity or resources to meet the needs of evacuating and sheltering animals in a disaster. Some jurisdictions in Sonoma County have animal response plans, animal shelters and animal control divisions and/or officers. Through their city EOC, local jurisdictions, may request assistance from the County/OA EOC with setting up temporary animal shelters. City government staff may also help provide services, such as communications, animal control resources or volunteer coordination to assist with countywide response efforts.

C. LOCAL ANIMAL CONTROL AGENCIES, SHELTERS AND HOSPITALS

In Sonoma County, there are government, non-profit and private animal shelters and animal care facilities. During response efforts, many of these organizations may request the activation of this Annex to support local response efforts. If it is a city agency, the request will come through their local EOC. If it is from a private or non-profit organization (for example, the Humane Society of Sonoma) the request will be directed to the County EOC Animal Services Coordinator to determine availability and allocation of County resources in response to the activation request.

D. AMERICAN RED CROSS

The American Red Cross (ARC) provides shelter and mass care services to residents throughout Sonoma County. ARC generally assumes the responsibility to help government with care and shelter operations. Initially in a disaster, some shelters may be opened by ARC and some may be opened by city staff and then turned over to ARC as additional resources become available to help with local response. The ARC liaison in the city EOC will coordinate with other agencies. In the EOC, the ARC Liaison will work with the County Animal Services to co-locate animal shelters with human shelters as much as possible to minimize the added stress of separating pets from their owners. Sonoma County Animal Services in partnership with the ARC will have pre-identified locations for potential animal shelters to accommodate both companion and large animals.

E. CALIFORNIA VETERINARY MEDICAL RESERVE CORPS (CAVMRC)

The California Veterinary Medical Reserve Corps (CAVMRC) provides guidelines for disaster preparedness sheltering and veterinary care of animals. They also operate local networks that serve as preparedness and response resources to OAs. The CVMRC Program consists of a network of veterinary professionals who are prepared to provide veterinary care for rescue, evacuation, treatment and shelter of animals. In the event of an emergency or disaster a request is made to activate the CVMRC all coordination of these assets is made through the jurisdictional authority. The CVMRC is called upon to assist in the response and provide expertise from the veterinary standpoint.

F. COMMUNITY-BASED ORGANIZATIONS AND NON-GOVERNMENT ORGANIZATIONS

Community Based Organizations (CBO) and Non-Government Organizations (NGO) are integral to disaster response. Sonoma County Animal Services maintains an ongoing list of CBOs and NGOs that offer services and resources in the County/OA for the protection and well-being of animals as well as those that operate volunteer networks which may be available to assist local disaster efforts. These organizations include the ARC, Pet's Lifeline, Sonoma County Horse Council, Sonoma County Cattlemen's Association, and the Redwood Empire Veterinary Medical Association (REVMA).

V. RESPONSE STRATEGIES

A. CONCEPT OF OPERATIONS

Sonoma County recognizes the critical importance of coordinating animal evacuation and shelter services during the response to an emergency or disaster. When the Sonoma County/OA EOC is activated, the Animal Services Unit in the Operations Section may be activated to support city or county response operations. The EOC Animal Services Coordinator will serve as the single point of contact on all animal issue in the OA. This position is staffed by the Sonoma County Department of Animal Services or designee.

The Sonoma County OA EOC's Animals Services Coordinator will employ one or more of the following response strategies to meet the needs of animals and the broader community in disaster:

- Work with the Public Information Officer (PIO) to disseminate information to the public regarding the evacuation and care of animals
- Coordinate the evacuation of animals, as needed and as possible, and manage access by animal rescue staff to restricted areas.
- Coordinate resources within the OA to support local jurisdictions
- If resource needs cannot be met with resources within the OA, coordinate resources requests in accordance with SEMS/NIMS operating procedures
- Assess the status of animal shelters site options and establish additional locations as needed in coordination with the Mass Care Leader in the Op Area EOC

- Coordinate and provide information for Public Health decisions
- Coordinate the deployment of county mobile shelters and field operations resources
- Identify and coordinate veterinary service needs
- Assist with identification of vendors for procurement of animal supplies with the Logistics Section in the Op Area EOC (see Attachment E)
- Coordinate agriculture related activities, such as response, sheltering, and feeding of livestock with the ESF-11 Coordinator

B. ACTIVATION

AUTHORITY

The activation of this Annex shall be at the request of the local animal control and/or initiated by the Director of the County of Sonoma Department of Animal Services or designee. Coordination with the Sonoma County EOC/Operational area activation will be coordinated directly via the Director of Sonoma County Animal Services and OES Management.

SONOMA COUNTY OPERATIONAL AREA EOC

The County/OA EOC is activated when a disaster occurs to coordinate resource requests, resource management and information sharing. The County/OA EOC is staffed by county employees with emergency responsibilities, as well as representatives from other agencies and jurisdictions. The Animal Services Unit is normally activated when the EOC is fully activated or when needed.

City EOCs

A city can activate the city EOC in response to local events. A city animal control agency may request the activation of this Annex to support local response operations. City plans may call for an animal control representative to be present when its EOC is activated.

On scene, the respective animal control agency is responsible for animal care and control operations. If the scope of an incident is large enough to overwhelm the initial responding animal control agency, that agency would expand operational procedure and activate this Annex. The request for activation of this Annex would flow from the field to the city/town EOC to the County/OA EOC.



C. INCIDENT COMMAND SYSTEM (ICS)

Immediately following the disaster, the Incident Command Center will be established at the shelter, if it is safe and intact. The center will serve as a meeting place for staff, a briefing area for other agencies and groups and a place to store information. It will be staffed according to the Incident Command System (ICS). Some circumstances may require a person to take on more than one position. Summaries of the positions are as follows. All the full position descriptions can be found in Attachment B.

- **Incident Commander (IC)** is responsible for establishing the Incident Command Center and staff assignments. The IC is supported by the Command Center Coordinator.
- **Animal Service Coordinator/Liaison** is either a veterinarian, animal control officer or other knowledgeable person trained in disaster response, animal care and animal rescue. Would be used to link with DOC or EOC
- **Public Information Officer (PIO)** is responsible for communications to media and the public.
- **Safety Officer** is responsible for ensuring safe operating conditions (including safety hazards and security) for all personnel.
- **Liaison Officer** is responsible for coordinating with all other outside agencies.
- **Operations Section Chief** is responsible for managing tactical operations, public safety and the rescue and recovery of animals in the operations area.
- **Planning Section Chief** is responsible for collecting, evaluating and disseminating information during response and recovery activities.
- **Logistics Section Chief** is responsible for ensuring that staff has access to equipment, supplies, facilities, and personnel and manages issues related to communications, transportation, facility coordination, distribution and installment of supplies and tracking the status of resources.
- **Finance Section Chief** is responsible for tracking financial activities.

D. PROTOCOLS FOR ANIMAL SHELTERS

Managing and Prioritizing Shelter Population and Evacuation

Depending on the damage to existing shelters, it may be necessary to evacuate animals to a temporary shelter or other interim location. Animals should be removed in an order that is in the best interest of the animals, the public, and the shelter. Examples of types and suggested priorities are as follows:

- **Owned animals in the veterinary clinic.** Animals currently in surgery or pre- or post- operative care have the highest priority.
- **Owned friendly dogs** (non-aggressive dogs with known owners). If the shelter contains a boarding facility, boarded animals take precedence over impounded animals.
- **Owned friendly cats** (non-aggressive cats with known owners). If the shelter contains a boarding facility, the boarded animals take precedence over impounded animals.
- **Adopted animals in the veterinary clinic** (adopted animals in the clinic for spaying or neutering).
- **Shelter animals in the veterinary clinic.** Un-owned animals in the clinic should be the last evacuated from the veterinary portion of the facility.

- **Animals in rabies quarantine.** These animals should be evacuated with care and only by qualified shelter staff. Quarantined animals should have as little contact with each other as possible, and when possible should be evacuated to a confined area, away from other shelter animals.
- **Stray friendly dogs** (healthy dogs that are on stray hold and may be claimed by the owner).
- **Stray friendly cats** (healthy cats that are on stray hold and may be claimed by the owner).
- **Injured friendly animals** (injured animals that are on stray hold and may be claimed by that owner).
- **Un-owned dogs** (dogs that were surrendered or whose legal hold has expired). Dogs in adoption wards should be evacuated first, followed by those awaiting availability to the public.
- **Un-owned cats** (cats that were surrendered or whose legal hold has expired). Cats in adoption wards should be evacuated first, followed by those awaiting availability to the public.
- **Aggressive dogs and cats.** These animals should be evacuated with care and only by qualified staff.
- **Animals with legal pending.** Aggressive animals with legal pending and/or in protective custody should be evacuated only by qualified staff.
- **Sick dogs and cats.** These animals should be confined to an area separated from other evacuated animals when possible.
- **Livestock.** Livestock is to include Equine, Cattle, Goats, Llamas, Emu, Pig, and or other clove footed animals. Livestock should be evacuated beginning with owned animals, followed by healthy animals, and then injured or sick animals.
- **Poultry/Birds.** Chickens, Laying hens, peacocks and other domesticated birds.
- **Other species of domestic animals,** including small domestic animals such as rabbits, other pet rodents, reptiles, and amphibians. Owned legal pets should be evacuated first, followed by healthy animals, and then injured or sick animals. Pets that are illegal in California, such as ferrets, should be the last of the domestic animals to be evacuated.
- **Wildlife.** Wildlife priorities should be based on both health and how well the animals can be handled while in custody.
- **Industry (facilities are responsible for maintaining their own emergency plans)**
- **Lab Animals (currently there are no facilities in Sonoma County)**

Large Increase in Shelter Population

If a shelter has not been affected by the incident, immediate preparations should be made to house a large increase in animals. When possible, animals in the shelter prior to the incident should be evacuated so they will not share wards with incoming animals. This is especially important in an emergency in which the potential for the spread of disease is significant, such as flooding. A second dog may need to be housed with a single dog, but more than two dogs should not be housed together unless absolutely necessary. Generally speaking, cats should not be housed in the same cage unless they were previously housed together, and if there is sufficient space within the cage. Sick animals in the shelter before the incident should not be mixed with the general population, but it may be necessary for bite quarantine animals, protective custody/legal pending animals, and strays and adoptable animals to be housed together. After animals have been evacuated, empty kennels should be cleaned with pressurized water and bleach and supplied with water, food, and beds or blankets.

Euthanasia Priorities

If animals are arriving at a shelter faster than they can be transferred to other facilities, some animals may need to be euthanized, based upon their health condition. Animals should always be scanned for a microchip before being euthanized. The decision to euthanize must be made by the highest ranking manager available at the animal control facility. Considerations that must be taken into account with euthanasia are as follows:

- The psychological impact on all involved
- Jurisdictional authority
- In the case of an infectious disease outbreak and mass depopulation, what additional resources will be needed and how the process will be managed

In the event of euthanasia, documentation is necessary to include animal description, photo to ensure proper identification. Euthanasia may only be performed by a veterinarian, trained veterinary technician or certified euthanasia technician using standard and accepted euthanasia protocols. The only exception to this would be a humane direction provided by a veterinarian for use of a firearm. Firearms are only utilized by State Humane Officer or other trained Peace Officers.

Carcass Disposal

Proper disposal of animal carcasses is critical in:

- Preventing the spread of disease in other animals
- Potential contamination
- Public health to avoid potential harmful environmental effects

Dumpsters or 55-gallon drums are to be utilized for disposal of animal remains. Drums are to be maintained in a secure, separate location away from the healthy animals. Pending the conditions of the disaster, a rendering service will be coordinated for pick up. If an option, drums are suggested to be placed in a refrigeration unit ordered specifically for the animal remains.

Shelter Set Up

The sheltering capability is a large and complex component of the overall disaster response. Some major aspects of sheltering include intake, triage, routine care, veterinary care, biosecurity, inventory control, communication with the public, and owner reunification.

Shelter set up is dependent upon the type of disaster and types of species being sheltered.

There are 4 types of emergency animal shelters:

- *Co-located Shelter*: shelters in which people and their pets are kept together
- *Proximate Animal Shelter*: shelters located near human shelters
- *Open Shelter*: shelters in which both “owned” and “non-owned” animals are cared for. This includes existing animal shelters.
- *Shelter in Place*: keeping animals, primarily livestock, where they are while delivering food and veterinary care.

After the decision has been made to activate a temporary animal shelter, the IC will select the location(s). Decisions will be based upon the type of disaster, scale of disaster and available options for one or more sheltering locations. Section Chiefs should then work together to staff the shelter, supply it adequately, and notify the public and media that it is available. The Safety Officer should inspect the facility and its grounds for safety issues. The Operations Section Chief should assign shelter positions to staff and volunteers, create staffing schedules, obtain the appropriate forms, and create a task list for setting up the shelter.

Animal Emergency Response Volunteer Titles and Descriptions

- AER-1 Animal Coordinator/Liaison (lead POC for EOC operations)
- AER-2 Animal Control Officer (field services)
- AER-3 Animal Safety Officer (shelter operations safety/security)
- AER-4 Animal Handling Specialist (1-2 personnel per 20 animals)
- AER-5 Animal Communications (rescue hot-line, social media, web)
- AER-6 Animal Premises Site Manager (may be same as Case Manager
/otherwise oversees all facility
operations)

- AER-7 Animal Shelter Manager (oversees the sheltering operations)
- AER-8 Animal Technician (assist with triage, medical care)
- AER-9 Public Information Officer (point of contact for all media)
- AER-10 Volunteer Manager (lead for volunteer coordination)
- AER 11 Donations Manager (coordination/inventory/supplies)
- AER-12 Maintenance Manager (equipment/cleaning/waste mgmt.)
- AER-13 Medical Staff Manager (oversee medical needs/personnel)
- AER-14 Veterinarian (veterinary care/euthanasia)
- AER-15 Feeding Station Supervisor (coordinate meals/water/shift docs)
- AER-16 Animal Transport Manager (oversee all incoming and outgoing)

Animal Intake

Intake processes are crucial at the beginning of all animal sheltering.

Tracking animals from the first contact through the process is of the utmost importance. Each step in the process from intake to exit must be tracked and documented. Depending on the type of shelter or animal that is coming to the shelter the steps may vary, however the concept of emergency sheltering and animal tracking will be similar in all instances.

The necessary steps are as follows:

Registration and Identification

The intake process initiates the registration and care of animals. Animals may be brought in by the owner, in person; by a third party; or by an unknown owner. A full description of the animal will need to be documented to include species and breed, gender, color and other information used to identify the animal. The description along with any available identification needs to be recorded and kept in the animal's file. Types of identification can include collars, tags, licenses, microchips or tattoos on ears or bellies. Each animal should be photographed upon intake (minimum of 2 photos to include a face and profile shot). Cats and dogs without a microchip should be implanted with one during intake and documented.

Health & Safety

Paid shelter staff will need to handle animals that may have been bitten within the last ten days; have been reported as aggressive by the owner; shows signs of aggression; are extremely difficult to handle; or shows signs of physical pain. These animals may need to be kenneled immediately.

Immediate medical concerns can be detected by examining the eyes, ears, skin, teeth, nose and paws. Animals with contagious or zoonotic conditions should receive prompt attention. Animals should be vaccinated according to the instructions from the veterinary staff.

Facility Safety and Security

While animals need adequate exercise and socializing, it is important to maintain a safe and secure facility. The safety and security of a facility can be affected by a large number of unskilled volunteers and untrained owners. Volunteers who care for and feed the animals need to be well-oriented to the shelter's procedures and protocols. Examples of potential problems include overfeeding, under cleaning and trying to handle large or unruly dogs.

Animal Care

The manager of a temporary shelter should determine who may have access to the animals. Although it may not be possible to have locks on every cage and kennels, creating identification system for volunteers who may remove animals from holding areas is necessary.

All animals should be housed with their identification documentation and an Animal Care Log, which is used to record feedings, cleaning, and socialization. The Animal Care Coordinator should create protocols for determining which animals can be taken out of their cages or kennels, how much time they may be out, which activities are allowed, and the labeling system on the cage or kennel that is used to indicate that an animal is out. The Animal Care Coordinator should physically count the animals on the premises at least twice a day and document in the log. Counting can quickly identify animals that may be improperly housed or missing. Although a temporary shelter is a 24-hour operation, animals need periods

of darkness and quiet. These periods should be scheduled during the day while night activity is limited to veterinary issues.

Cleaning

During emergencies, the risk of the spread of disease may be increased. A full cleaning of the housing area should therefore be done twice a day for dogs, cats, co-housed rabbits, and some livestock. For reptiles, small mammals, birds and horses, cleaning should be done once a day. Spot checks should also be scheduled several times per day. The guidelines for cleaning shown in Table 1 should be considered. The beginning and end of shifts for different positions must be clear.

TABLE 1: CLEANING AND WATERING NEEDS OF ANIMALS IN A SHELTER

Animal	Full Cage Cleaning		Check and refill water bowls every 2 hours during the day	Other
	Start of AM shift	Start of PM shift or 1 to 2 hours before end of shift		
Dogs	X	X	X	
Cats	X	X	X	
Rabbits	X	If small space housing three or more rabbits	X	
Small mammals	X	—	X	
Reptiles	X	—	X	
Domestic birds	X	—	X	
Chicken/fowl	X	—	X	
Livestock (farm mammals)	X	If housed in small kennels	X	Check every 4 hrs. during the day
Horses/equine	X	—	X	Check every 4 hrs. during the day

Feeding

Watering frequency is listed in Table 1. Pull out into attachments

The Planning and Logistic Section Chiefs will work together to obtain food for the animals if the incident lasts more than 72 hours. Although donated food will arrive daily, keeping the diet consistent is important for reducing stress and cleaning requirements (diet changes can cause loose stools). The following guidelines for feeding should be considered or expanded.

- **Dogs**

Dogs should be fed two times a day, approximately 10 to 12 hours apart. Wet food should be avoided if possible to limit diet-related diarrhea. If an animal refuses to eat after the first 24 hours in a facility, a spoonful of wet food may be added for taste.

- **Cats**

Cats should be fed twice per day, approximately 10 to 12 hours apart. Wet food should be provided to kittens under four months old but avoided for adults if possible to limit diet-related diarrhea. If an animal refuses to eat after the first 24 hours in a facility, a spoonful of wet food may be added for taste.

- **Rabbits/Small Mammals**

Rabbits and other rodents should be fed non-rich diets. The home diet should be continued if known. Rabbit diet should consist of hay (oat or timothy) and green rabbit pellets.

- **Reptiles/Amphibians**

Care must be taken to identify not only the correct food source for reptiles but also the correct presentation and time of feeding. Additionally, co-housed snakes and many lizards must be separated at feeding times. Diets vary significantly among species and according to size and age of an animal. If possible, home diets should be continued.

Herbivorous Diets

Food should be placed on a plate or dish to avoid consumption of the substrate provided as the flooring of the enclosure. Ingredients should be well mixed to avoid picking, and a commercial calcium supplement should be included. Herbivores should be fed one or two times a day, with younger animals eating more often than adults.

Carnivorous Diets

Prey guidelines are as follows:

Lizards: Prey should be no larger than the length of the lizard's head.

Snakes: Prey should be no wider than the widest part of the snake's body.

- Vertebrate prey: safest if fed pre-killed. Move the prey around when dropping it into the enclosure to stimulate the animal to feed. Young lizards may need to eat daily but adult snakes may only need to eat twice per week.
- Fish: should be fed live.
- Worms/larvae: should be fed live. They are best fed in a dish that the reptile may eat from but from which the worms cannot escape.
- Crickets: should be dusted in calcium powder and fed live. Some reptiles need additional nutrients that are provided by giving the cricket's commercial gut-loading food 12 to 24 hours before feeding.

Omnivorous Diets

Terrestrial omnivores should be fed using the guidelines for both herbivores and the appropriate carnivore. Aquatic omnivores should have their greens floated on the water and given live fish.

- **Domestic Birds**

Birds should be fed twice daily but must be monitored for food intake regularly. If a bird is not eating the diet given, alternatives must be tried until a diet is found that the bird will eat. Whenever possible, a bird's diet should remain the same as the diet in home. Food must be provided by the owner, found in the owner's home or found in the bird's food dish as a guideline for its diet. Additional considerations are as follows:

- Birds should have limited access to dairy products, cabbage, and bananas
- Birds should not be given chocolate, avocado, foods with high salt content, or mushrooms
- Lorikeets and toucans require a diet of fruits, vegetables, juices, and nectars. They should not be given seeds.

- Finches, canaries, and other wild and wild-type birds require small amounts of grit in their diets. The grit can be sand, gravel, or crushed oyster shells.
- **Horses/Equine**
Horses should be fed small amounts of food several times per day. They should be fed locally grown grass hay. Meals should consist of no more food than a horse can consume in an hour.
- **Chickens/Other Fowl**
Chickens should be given commercial chicken feed twice per day. The chicken’s normal diet should be followed if known.
- **Livestock/Farm Mammals**
 - Goats: The diet should consist of commercial goat feed (non-medicated), a plant fiber source, and a salt block. Unless housed in pens that allow access to plant material, goats require a supplement of leafy hays or legumes. Goats should be fed twice a day rather than allowing the animals to free feed.
 - Sheep: The diet should consist of commercial sheep feed (non-medicated), a plant fiber source, and a salt block. Unless housed in pens that allow access to grasses, sheep require a supplement of grass hay. Sheep should be fed twice a day rather than allowing the animals to free feed.
 - Swine: Pigs should be fed twice a day. An appropriate standard diet consists of a non-medicated commercial pig feed and a small amount of alfalfa hay.

Animal Transportation

Animals may need to be moved out of temporary shelters. This section addresses transport and shipping issues. The assumption is that only canines and felines will need to be transported and all other animals will stay at the temporary shelter. At each shelter, staff will establish Exit Stations to address the following functions for both dogs (Table 2) and cats (Table 3):

TABLE 2: EXIT STATIONS FOR DOGS

No.	Function	People	Supplies
1	Direct walkers to appropriate animals	1	To-go list
2	Check microchip; make sure records match If correct, attach shipping collar; send dog to Station 3 If incorrect, return dog to kennel Match transport number and give portfolio to walker	2	Two chip readers Record portfolios
3	Walk and water dogs	4	Leashes Water Bowls
4	Administer flea control Verify microchip	2 (veterinarian or veterinarian technician)	Flea control Pill pockets Pill guns Two chip readers

No.	Function	People	Supplies
5	Write transport number on Sky Kennel with magic marker Record to driver Put dog in kennel	2	Hole punch Markers
6	Load kennel into truck	2	
7	Volunteers to fill water bowls	1	
8	Animal walkers	4 or more	Leashes
9	Fork lift operator	1	

TABLE 3: EXIT STATIONS FOR CATS

No.	Function	People	Supplies
1	Take cat out of kennel Check microchip and photo Check records If incorrect, return to kennel Write transport number on collar and attach to cats Give flea control if necessary Place in Sky Kennel	2	2 chip readers Boxes of portfolios Collars Scissors Pen Flea control Pill pockets Pill guns
2	Confirm that profile is for the correct cat	2	
3	Write transport number on Sky Kennel with magic marker Attach folder with zip tie	2	Hole punch Zip ties Markers
4	Load kennel into truck	2	

Transportation guidelines for the primary transport enclosure/carrier:

- Should be strong enough to securely contain the animal. The animal should not be able to reach outside the enclosure in a way that could result in injury to itself, to its handlers, or to other persons or animals nearby.
- Should have no sharp points or missing pieces in anything (e.g., wall, floor) that could cause injury.
- Should be large enough so that the animal has enough space to turn about normally while standing, to stand and sit erect, and to lie in a natural position. The animal should not have to crouch when sitting or standing
- Should have a solid, leak-proof bottom or a removable, leak-proof collection tray under a slatted or mesh floor.
- Must contain enough previously unused litter to absorb and cover excreta unless the dogs or cats are on raised, slatted floors or raised floors made of mesh; litter must be of a suitably absorbent material that is safe and nontoxic to dogs and cats.
- Must allow the dog or cat to be removed easily and quickly from the enclosure in an emergency.
- Must have exterior handles or handholds that enable the enclosure to be lifted without tilting and ensure that anyone handling the enclosure will not come into contact with the animal.

The animal transport vehicle for all species:

- Must not fall below 45 degrees Fahrenheit (°F) or rise above 85°F for more than 4 hours.
- Must adequately protect the animals from exposure to the elements.

- Must have paint, preservative, treatment, or other chemical or material used in or on the enclosure that is nontoxic to the animals and not harmful to their health or well-being.
- Must allow proper ventilation for the animals and not block airflow.

During surface transportation (ground or water), animals must be checked every 4 hours for sufficient air flow and temperature and to observe for illness, injury, or distress. If indicated, veterinary care must be provided for the animals in an appropriately timely manner.

Horse trailers cannot be used as open containers for the transport of small animals. Any small animals must be in a transport container, then can be transported within the trailer.

Livestock Management

It is the primary responsibility of horse and livestock owners to plan for appropriate evacuation and sheltering of their animals. In many cases, the County will work with local farmers and neighbors in the transportation and sheltering of livestock animals. In the event of a biohazard or zoonotic disease that affect the livestock or agriculture population, local County authorities will coordinate efforts with the local Agriculture Commissioner and the CDFA for response and disaster management.

Coordination with local livestock and equine groups for the evacuation and sheltering of large animals at a pre-designated site such as the Sonoma County Fairgrounds, Sonoma Marin Fairgrounds or other large boarding facility. Evacuation teams will be trained, credentialed and a part of the County of Sonoma's Animal Disaster Service Worker (ADSW) program prior to deployment in the field.

Commercial Animal Agriculture Operation Access

In the event of a large scale emergency, disaster or public health emergency access to large scale commercial agriculture operations will be granted through a permit process. Access will be granted to only verifiable commercial operations which does not include small farms or ranches. Access will be granted on a case by case basis through pre-established procedures.

Permitting access to commercial agricultural operations ensures biosecurity measures are maintained, containment for the animals is intact, waste management procedures and animal welfare concerns are addressed. Continuity of agricultural operations are of the utmost importance.

In the event of any activism and or suspicious Agro Terrorism threats or activities, law enforcement and federal authorities will be notified for a coordinated response.

Animal Documentation Guidelines

Animal shelter support personnel are responsible for reporting shelter activity data to the IC.

Occupancy counts two times a day (morning and evening) are necessary for reporting and safety accountability. Daytime counts may be added at the discretion of the Animal Shelter Management Teams in response to individual security needs. Because multiple agencies may be operating shelters within the incident area, the Animal Shelter Support Coordinator must ensure that agencies are sharing activity information with DOC (Department Operation Center) and the EOC (Emergency Operations Center) to prevent data from being counted twice.

Animal shelter information that is reported involves a variety of formats, including:

- Manual status report
- Animal shelter database
- Animal shelter status boards, updated daily, including the following information:
 - Total number of animal shelters open
 - Total number of animals in care at all sites
 - Total number of new animals in care at all sites
- Site information
 - Name of shelter
 - Lead agency
 - Site address
 - Number of animals in occupancy
 - Number of new animals in occupancy
 - Capacity by species and animal type
 - Percentage of capacity filled
 - Name of site manager and point-of-contact information
 - Site status (e.g. open, closed, stand-by)

It is also critical to create a filing system for the documentation that is created at the animal shelter. A folder and binder system works well. Ideally, laptops and forms uploaded and populated hourly/daily are highly suggested. All animal records and associated documentation should go into a folder and should be in the same order in each folder. If an animal is onsite, the folder should have a green dot. If the animal has been transported elsewhere, a red dot should be used. If the animal has been moved into a foster home or contingent-adoptive home, a yellow dot should be used. Color coding the folders will facilitate tracking the folders and animals.

Binders/Date input may be used to store and access other information, such as:

- Lost animal information
- Owned animals
- Reclaimed animals
- Stray animals

Utilization of Animal Rescue Volunteers

Animals in disaster usually bring forth an outpouring of volunteers who want to help. Dealing with animals, particularly in stressful or chaotic situations such as disasters, requires special skills. Volunteers

who handle animals need to have experience or training in this area. Several national, state, and local groups offer training programs. Local shelters and animal control agencies are also encouraged to train their own volunteers to assist with the care and sheltering of volunteers in a disaster.

If volunteers are going to be handling or working directly with animals, it is required that the volunteer is pre-trained and pre-affiliated with a credible organization and or are certified/recognized Animal Rescue-Disaster Service Workers (AR-DSWs) that have completed the Sonoma County Animal Rescue Disaster Service Worker Program. Background checks are required for volunteers that will be handling animals, evacuating animals and transporting animals. Badging is highly suggested for tracking and coordination of the volunteers.

***Please review the Animal Rescue-Disaster Service Worker Volunteer Program Annex. Volunteers are trained ahead of time in the following categories:*

There is no official *mandated* typing for Animal Rescue due to jurisdictional variances; however, the trained volunteers will be categorized according to their training and experience. Such as:

- *Type 1: Advanced Animal Rescue:* For example, teams experienced in Large Animal Technical Rescue, Swift Water, and Wildland Fire, etc.
- *Type 2 Intermediate Animal Rescue:* For example, Animal Control, Transport/Evacuation & Trailing
- *Type 3 Beginning/Introductory:* For example, Animal Sheltering & Care, Intake, Administration

Further review can be found at:

https://www.fema.gov/pdf/emergency/nims/508-1_animal_health_resources.pdf

If volunteers arrive at a shelter and cannot be utilized, they should be directed to the nearest Emergency Volunteer Center (EVC). The EVC will provide intake and referral to deploy the volunteer to another organization. Additionally, if more volunteers are needed, they can be requested from the local EVC. The County/OA Personnel Unit Coordinator will have the status of EVCs activated within the County and its local jurisdictions.

VI. DEMOBILIZATION

When the EOC has notified the IC that a temporary animal shelter should be deactivated, a number of key activities are required and are described below:

- Plan for closing the shelter should begin almost as soon as the shelter is set up.
- Recognize that the need for the emergency shelter will wane as the community begins to move from the response to the recovery phase. It is best to begin to think about the “arc” of the operations and consider how and when to demobilize as part of the initial planning. Help the community understand that this shelter is a temporary resource.
- The actual demobilization date may change from the original plan. However, it is important to have thought through, and begun to prepare for, the closing of the shelter and the myriad concerns that go with that operation.

A. SHELTER CLOSURES

Closing a temporary animal shelter is usually coordinated with the closure of human shelters. The following activities must be coordinated:

- Communication and coordinated efforts allow animals to be reunified with their owners or to be matched with foster groups
 - Shelter closure can be completed by utilizing the check list located in attachments at the end of this Annex
 - Reunify all animals with owners or foster homes
 - Break down cages and kennels
 - Remove paper and tarps from walls and floors
 - Sweep and mop floors
 - Clean and properly sanitize all surfaces
 - Remove signage
 - Create a punch list of any items that may need to be repaired and or replaced
- Final walk through of facility with owner to assure clean-up is acceptable

B. REDISTRIBUTION OF SUPPLIES

Remaining supplies should be inventoried, returned to the owner, or disposed of properly. This activity is important for reimbursement. : Staff should clearly communicate that all remaining donated funds will go into the Animals in Disaster Fund via Sonoma County Animal Services.

C. REMOVAL AND DISPOSAL OF ANIMAL CARCASSES

Although all efforts should be made to use a freezer or refrigerated truck to store dead animals, it may not be possible. If a freezer or refrigerated truck is not available, the animals must be securely tied in several thicknesses of plastic bags and kept at a distance so as to not pose a health risk. Fly spray should be used often. The animals should be moved to a freezer at the shelter when possible or picked up by an animal disposal company.

D. PROCEDURES FOR UNCLAIMED ANIMALS

Every shelter will need procedures for unclaimed animals. An animal may be adopted, transferred, or euthanized, but the procedures must be consistent with local laws. The procedures must be communicated to local rescue groups and the public. Holding periods of 30-60-90 days are determined by the lead agency. Circumstances such as disaster impacts, facility access, animal care staffing and the humane welfare of the animals must be taken into consideration. Upon conclusion of the established holding period, animals are available for transfer to other animal shelters or recognized rescue groups for adoption and or fostering. Euthanasia options may be considered for the best interest of the animal.

E. FINAL DATA COLLECTION

Any remaining data, reports, or documents should be collected to ensure that a complete record of logs, transactions, analyses, and other information is in one place. Information management for the following:

- Animal movement tracking
- Records retention
- Health certificates for interstate movement of animals
- Detailed written records for eligible expenses
- Public information
- Volunteer registration forms/waivers/time keeping

F. DEBRIEFING AND AFTER ACTION REPORT

After all animals have been returned to owners, transferred to a shelter, or transported, and all emergency areas have been closed, it is important for key staff, volunteers, and personnel from other EOC departments to meet for a debriefing on the incident response. The following may be discussed:

- What was achieved?
- What went well?
- What went wrong?
- Were any innovations implemented?
- What changes need to be made to the plans?
- Were supplies sufficient?
- What job descriptions need to be altered?
- Critical Incident Stress Debriefing

This information is critical for future mitigation planning from lessons learned. Lessons can then be incorporated into the planning for the next disaster response operation.

VII. ATTACHMENTS

A. Shelter Forms

- A1. Animal Intake Form
- A2. Emergency Release Form
- A3. Lost Pet/Rescue Request Form
- A4. Rescue Release Form
- A5. Animal Care Daily Log
- A6. Medication Log
- A7. Behavior Log
- A8. Animal Count Log
- A9. Contingent Adoption/Foster Care Agreement
- A10. Animal Release to Foster Care
- A11. Pre-Shipment Release Form
- A12. Job Assignment List
- A13. Animal DSW Outline/Job Descriptions
- A14. Volunteer Staff Sign-In Sheet
- A15. Supply and Equipment List

B. ICS Position Responsibilities

C. Bay Area Animal Welfare Agencies

D. Resource & Contacts List

E. Animal Confinement and Shelter Facilities Animal Food Sources

F. Animal Care Supplies – Vendor list

G. Animal Transportation Resources

H. Sample Memorandum of Understanding (MOU)

I. Temporary Shelter Guidelines

J. Acronyms

Attachment J : Acronyms

ADA	Americans with Disabilities Act
ARC	American Red Cross
AVMA	American Veterinary Medical Association
Cal EPA	California Environmental Protection Agency
CARES	California Animal Response in Emergency System
CDFA	California Department of Food and Agriculture
CDFG	California Department of Fish and Game
CVMA	California Veterinary Medical Association
DSW	Disaster Service Worker
EARS	Emergency Animal Rescue Service
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
FEMA	Federal Emergency Management Agency
HSUS	Humane Society of the United States
JIC	Joint Information Center
NDMS	National Disaster Medical System
NIMS	National Incident Management System
NVRT	National Veterinary Response Team
MOU	Memorandum of Understanding
MRC	Medical Reserve Corps
OA	Operational Area
PETS Act	Pets Transportation Standards Act
PIO	Public Information Officer
SART	State Animal Response Team
SEMS	Standardized Emergency Management System
SPCA	Society for the Prevention of Cruelty to Animals
UC Davis	University of California Davis
USDA	United States Department of Agriculture
VERT	Veterinary Emergency Response Team
VMAT	Veterinary Medical Assistance Teams

A#:	P#:
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Animal Intake Form

† Known medical condition(s)

† Medication #1	_____	Dosage	_____	Schedule	_____
† Medication #2	_____	Dosage	_____	Schedule	_____
† Medication #3	_____	Dosage	_____	Schedule	_____

A#:	P#:
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Animal Release to Foster Care

The animal described below has been released from care at the Field Shelter and will be transferred and cared for by the foster caretaker named below.

Animal's name _____

Animal description _____

Medical Treatment Required _____

Owner's name _____

Address _____

Phone #s _____

Foster Caretaker's Name _____

Address _____

Phone #s _____

THE UNDERSIGNED FOSTER CARETAKER HEREBY ACKNOWLEDGES RECEIPT OF THE ABOVE DESCRIBED ANIMAL AND AGREES TO PROVIDE HUMANE CARE, ADEQUATE SHELTER, AND FOOD TO THIS ANIMAL WHILE IN HIS/HER FOSTER CARE AND AGREES TO HOLD HARMLESS ALL PERSONS, ORGANIZATIONS, OR GOVERNMENT AGENCIES INVOLVED IN THE RESCUE, CARE, AND SHELTERING OF THIS ANIMAL. THE ANIMAL'S OWNER AGREES TO BE RESPONSIBLE FOR ANY VETERINARIAN, FOOD, OR CARE EXPENSES INCURRED DURING THE FOSTER CARE PERIOD.

Foster caretaker's signature _____ Date _____

Foster caretaker's name (print) _____

Owner's signature _____ Date _____

Owner's name (print) _____

Witness' signature _____ Date _____

Witness' name (print) _____

This form should be completed and signed in triplicate.
Copy to: Owner Foster caretaker Emergency animal shelter

A#:

Contingent Adoption/ Foster Care Agreement

This Agreement is made on the _____ of _____, 20____, between _____ [hereinafter referred to as the "Adopter"] and the _____ [Shelter] regarding the companion animal identified above. The initials of the Adopter beside each item signifies that the Adopter has read, understands, and agrees to the following:

Please initial each line

1. I understand that this agreement is legal and binding under the laws of the State of California. _____
2. I understand that this animal is a displaced animal from _____ (disaster) and has a known owner. _____
3. Out of compassion for the former owner of the animal I am adopting, I agree to relinquish ownership if the former owner is identified before _____ (date), and takes possession of the animal by _____ (date.) The animal's information will be posted on appropriate websites and remain so until _____ (date.) _____
4. I agree to provide for the physical and emotional needs of this animal while it is in my care, including covering all medical costs (if any). _____
5. I agree to return this animal to the shelter or rescue named above if I find I am no longer willing or able to provide a suitable home. _____
6. I understand that the TEMPORARY SHELTER **will not** accept the return of this animal. _____
7. I agree to comply with all state and local laws pertaining to the care of the animal, including, but not limited to, those requiring vaccinations, registration, and confinement (leash laws). _____
8. I understand that a TEMPORARY SHELTER veterinarian has examined the animal prior to placement. I also understand that this animal may have as yet undetected illnesses or behavioral problems. TEMPORARY Shelter cannot guarantee the health, disposition, or character of this animal. _____
9. I therefore agree to hold harmless any volunteers, representatives, or agents of TEMPORARY SHELTER (shelter or rescue named above), from loss, damages, injuries or other casualty to any persons, animals or property caused by the placement of this animal in my care. _____
10. I agree to communicate with the Shelter if there are any changes in my contact info (i.e., address, phone) before _____ (date.) _____
11. I agree not to make any cosmetic changes to this animal until after the adoption is final (e.g., de-claw, de-bark, tail-dock, ear-crop). _____
12. I agree to spay or neuter this animal. Because this is an owned animal, I agree to wait until after January 1st, 2009 to have the surgery performed. I agree that under NO conditions will the animal be allowed to be bred, regardless of sex. _____
13. _____ [shelter or rescue named above] recommends having a veterinarian evaluate this animal as soon as possible to check for heartworm and initiate preventative treatment; flea/tick prevention. _____

A#:

**Contingent Adoption/
Foster Care Agreement**

14. _____ [shelter or rescue named above] recommends having the animal checked for an identification microchip and registration and providing the microchip if the animal does not have one.

15. _____ [shelter or rescue named above] agrees to the conditional adoption/fostering of this animal by the Adopter and hereby transfers possession of the animal to the Adopter.

A#:	P#:
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Emergency Release Form

The undersigned owner(s) (agent) of the animal described above:

- † I/the animal owners hereby request the emergency quartering of the animal being evacuated because of a pending or occurring disaster.
- † I/the animal owners hereby release the person or entity who is receiving the animal (hereinafter "animal caregivers") from any and all liability regarding the care and quartering of the animal during and following this emergency.
- † I/the animal owners acknowledge that if emergency conditions pose a threat to the safety of the animal, additional relocation may be necessary, and this release is intended to extend to such relocation.
- † I/the animal owners acknowledge that the risk of injury or death to the animal during an emergency cannot be eliminated and agree to be responsible for any veterinary expenses which may be incurred in the treatment of their animal.

If the animal becomes ill, the animal caregiver will provide emergency triage veterinary care regarding the animal's symptoms, treatment options, and estimate of costs. In the event the emergency proves serious enough to require transport to a veterinary hospital, please indicate your wishes should the animal require further treatment:

- † Please perform whatever services the doctor deems necessary for the best care of the animal until I can be reached. This includes only non-elective treatments and necessary diagnostic tests.
- † I authorize up to \$_____ or ____ I am unable to provide monetary support.
- † Please do not administer any medical treatment until specific authorization is given unless the shelter is unable to reach me in a timely fashion. In such a case, I do authorize the shelter to treat or manage my animals as judged appropriate by medical staff as dictated by medical necessity.
- † If an animal is not claimed within thirty (30) days (unless prior arrangements have been made), the animal owner will be notified of possible adoption or relocation.

Printed name of animal owner	Signature of animal owner	Date
Address of animal owner		
Home phone (including area code)	Cell	Pager
Place of employment	Work phone	
Address to which owner (agent) plans to evacuate during emergency		
Phone (including area code)		

The animal owner is responsible for keeping the animal caregivers informed of where the animal owner can be contacted during the emergency.



A#:	P#:
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Euthanasia Form

Animal Information

Name	
Breed	
Age	
Color	
Sex	
Micro chip #	

Owner Information (if known)

Name:		
Address:		
City:	State:	Zip:
Home Phone:	Work Phone:	
Cell Phone:	Pager:	

Animal Health Summary

Attending Veterinarian:
Phone:
Reason for euthanasia decision:

In cases where the owner is unknown or is unavailable due to emergency circumstances:

We the undersigned do hereby agree that euthanasia for the above described animal was necessary under these emergency circumstances either to relieve pain or suffering or for the emergency preservation of public health and safety.

X _____ Print Name: _____ Date: _____

X _____ Print Name: _____ Date: _____

X _____ Print Name: _____ Date: _____

In cases where the owner is present or has provided authorization by phone:

I, the undersigned, do hereby certify that I am the owner (or duly authorized agent for the owner) of the animal described above, and I do hereby give permission to end the life of said animal in a manner consistent with current standards of veterinary care. I do hereby release _____, its staff and volunteers and the attending veterinarian from any and all liability for euthanizing said animal. I also do certify that to the best of my knowledge the said animal has not bitten any person or animal during the last fifteen (15) days and has not been exposed to rabies.

_____ I hereby authorize disposal of the animal's remains as deemed appropriate by jurisdictional authorities

_____ I will be responsible for the disposal of my animal's remains and will pick them up by _____ (date).

X _____ Print Name: _____ Date: _____

Witnessed by: _____ Print Name: _____ Date: _____



A#:	P#:
-----	-----

Pre-Transport Release Form

Animal's name _____

Animal's description _____

Medical Treatment Required _____

Medications with animal _____

Transported to
(include address): _____

Reason/Notes: _____

It is my professional opinion that this animal is suitable for transport at this time.

Signature of Veterinarian Date/Time

Veterinarian's printed name



ANIMAL AND AGRICULTURE DAMAGE ASSESSMENT TEAM

DESCRIPTION	The Animal and Agriculture Damage Assessment Team performs initial and ongoing situational assessments and needs assessments to determine the types of emergency relief necessary in an incident involving animal and agriculture issues. This team's work begins in the early, critical stages of a disaster and continues throughout the incident. Depending on the incident and hazards, the team may assess community veterinary infrastructure, animal shelters, animal control facilities, feed stores, retail services, animal exhibitors (such as zoos), agricultural producers (farms, ranches, dairies, and so on), processors, market facilities, and agricultural support industries (agrichemical, feed mills, and so on). The team may also assess animal evacuation and shelter needs, stray animals, and animal carcass issues.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: <ol style="list-style-type: none"> 1. Photographs and records disaster site damage 2. Investigates locations where damage exists 3. Analyzes the significance of affected animal and agriculture infrastructures, crops, and animals 4. Estimates the extent of damages 5. Identifies potential cascading effects of animal and agricultural issues 6. Recommends initial priorities for response and recovery 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for this team, such as security, lodging, transportation, and meals, prior to deployment. 2. The team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable up to 14 days. 3. Requestor specifies specialty areas necessary, such as animal health professionals, agronomists, engineering specialists, logisticians, environmental experts, animal sheltering experts, communications specialists, and others

RESOURCE TYPES						
COMPONENT	METRIC/ MEASURE	CAPABILITY	TYPE 1			
Equipment	Per Team Member	Personal Protective Equipment	PPE is mission specific and may vary by work environment; it includes: <ol style="list-style-type: none"> 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks 	Not Applicable	Not Applicable	Not Applicable
Equipment	Per Team	Transportation	1-Vehicle	Not Applicable	Not Applicable	Not Applicable
Equipment	Per Team	Communications	3 - Two-way portable radio 3 - Cell phone	Not Applicable	Not Applicable	Not Applicable

RESOURCE TYPES						
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Minimum	3	Not Applicable	Not Applicable	Not Applicable
NOTES: Not Specified						
Personnel	Per Team	Support	2 - Animal and Agriculture Damage Assessment Team Member	Not Applicable	Not Applicable	Not Applicable
NOTES: 1. Animal and Agriculture Damage Assessment Team Member is not a NIMS typed position. 2. Team members are multidisciplinary and can include animal health professionals, agronomists, engineering specialists, logisticians, environmental experts, animal sheltering experts, communications specialists, and others.						
Personnel	Per Team	Management and Oversight	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Applicable	Not Applicable	Not Applicable
NOTES: Not Specified						
Equipment	Per Team	Assessment	1. Laptop computer(s) 2. Digital camera(s) 3. GPS capabilities 4. Office supplies 5. Measuring devices 6. Appropriate software 7. Cutting/trimming device(s) 8. Marking paint or other marking materials 9. Traffic control device (or safety signage) 10. Cleaning and disinfecting supplies 11. Other equipment and supplies as necessary, based on ordering specification	Not Applicable	Not Applicable	Not Applicable
NOTES: 1. Appropriate software includes word processing, spreadsheet, Geographic Information Systems, and database management programs. 2. Measuring devices include tape measures (25' to 100') and measuring wheels. 3. Cleaning and disinfecting supplies are necessary when moving from one agricultural area to another. 4. Requestor provides Authority Having Jurisdiction (AHJ)-approved damage assessment forms for the team to complete.						

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL BEHAVIOR SPECIALIST

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Behavior Specialist: 1. Assesses behavioral status, identifies potentially dangerous behaviors, and makes behavioral recommendations for animals in one or more of the following competency areas during and after disasters: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Triage animals to determine behavioral status 3. Classifies animals by behavioral status to determine the appropriate type of Animal Care and Handling Specialist or other staff to assign to handle them 4. Identifies potentially dangerous behaviors that could put the animal, the handler, or other people or animals at risk 5. Designs and coordinates animal enrichment and socialization programs 6. Develops and implements treatment plans to address animal behavioral issues for stray, abandoned, unattended, or relinquished animals 7. Consults on appropriate post-disaster animal disposition	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. Animal training, animal behavior training, or equivalent training NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
EXPERIENCE	Knowledge, Skills, and Abilities: 1. Extensive knowledge of species-typical and captive behavior of the animal populations represented 2. General understanding of animal welfare principles and processes 3. Extensive knowledge of animal training, motivation, and behavior modification principles 4. Practical experience working with the animal populations represented Experience: Three years of experience in applied animal behavior or animal training	Not Applicable
NOTES: Not Specified		
PHYSICAL/MEDICAL FITNESS	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission	Not Applicable
NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.		
CURRENCY	Routinely practices in a facility or field setting commensurate with the mission	Not Applicable
NOTES: Not Specified		
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Possesses one of the following certifications, or an equivalent: 1. Academy of Veterinary Behavior Technicians (AVBT) certification 2. American College of Veterinary Behaviorists (ACVB)-recognized certification 3. Animal Behavior Society: Associate Certified Applied Animal Behaviorist (ACAAB) 4. Animal Behavior Society: Certified Applied Animal Behaviorist (CAAB) 5. Certification Council for Professional Dog Trainers (CCPDT) certification 6. International Association of Animal Behavior Consultants (IAABC) certification	Not Applicable
NOTES: Not Specified		

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. The position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. American College of Veterinary Behaviorists (ACVB), Board-Certified Veterinary Behaviorist
2. Animal Behavior Society, Certification Requirements and Application
3. Certification Council for Professional Dog Trainers (CCPDT), Dog Trainer Certification
4. CCPDT, Behavior Consultant Certification
5. FEMA, NIMS Guideline for the National Qualification System, November 2017
6. International Association of Animal Behavior Consultants (IAABC)

NOTES

Nationally typed resources represent the minimum criteria for the associated category.

ANIMAL CARE AND HANDLING SPECIALIST

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: The Animal Care and Handling Specialist is capable of safe and humane handling of fractious, dangerous, or difficult-to-handle animals. These animals typically exhibit body language and behaviors consistent with fear, extreme submission, aggression, or attack directed at people or other animals. These animals may attempt to escape or resist capture or handling. In addition, uncastrated male livestock (including stallions, bulls, rams, and boars) may present a much-elevated level of handling hazard. Certain species of animals, such as non-human primates, big cats, and bears, are inherently dangerous and require specialized handling skills.	The Animal Care and Handling Specialist 1. Provides safe and humane handling and restraint of animals, and documents each animal's identification to facilitate tracking and reunification with owners in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Assesses basic animal behavior 3. Provides daily animal care and containment 4. Ensures appropriate animal sanitation and biosecurity protocols are upheld 5. Contributes to animal census
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2, PLUS: Has a minimum of one year of regular, ongoing experience, with demonstrated ability to work with fractious, dangerous, or difficult-to-handle animals; required skills include: 1. Behavioral assessment 2. Capture and containment 3. Basic daily care 4. Restraint for procedures 5. Safe and humane handling	Routinely demonstrates the ability to work with non-fractious animals; required skills include: 1. Behavioral assessment 2. Capture and containment 3. Basic daily care 4. Restraint for procedures 5. Safe and humane handling
	NOTES: Specific relevant experience could include current and prior demonstrated competency as an Animal Control/Humane Officer, Veterinary Assistant, laboratory animal technician, zookeeper, or handler of dangerous animals at a livestock breeding facility.	

TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	<ol style="list-style-type: none"> 1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by working environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks	
CURRENCY	Routinely performs animal care and handling duties with fractious, dangerous, or difficult-to-handle animals in a congregate animal housing facility related to the species listed; or service commensurate with the mission	Routinely performs animal care and handling duties in a congregate animal housing facility related to the species listed; or service commensurate with the mission
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (such as an Animal Evacuation, Transport, and Re-Entry Team or an Animal Sheltering Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population handled
7. For a Type 1 team, requestor specifies advanced specialty skill set(s) necessary

REFERENCES

1. FEMA, NIMS 508: Animal Transport Team – Companion Animal
2. FEMA, NIMS 508: Animal Transport Team – Livestock
3. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
4. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
5. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
6. FEMA, NIMS 508: Animal Evacuation and Re-entry Team
7. FEMA, NIMS 508: Animal Search and Rescue Team
8. FEMA, NIMS 509: Animal Control/Humane Officer
9. FEMA, NIMS 509: Veterinary Assistant
10. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL CONTROL/HUMANE OFFICER

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Control/Humane Officer: 1. Maintains public safety by enforcing animal-related laws and providing safe and humane capture and containment of animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Provides case management of animals involved in human bite cases 3. Provides safe and humane capture and containment of stray, abandoned, unattended, diseased, or injured animals 4. Assists with emergency euthanasia, as the Authority Having Jurisdiction (AHJ) authorizes 5. Ensures safety precautions for the public and animals when working in potentially dangerous situations with unfamiliar and unpredictable animals	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of the following: 1. IS-100: Introduction to the Incident Command System 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. National Animal Care & Control Association (NACA) certification training or equivalent formal training NOTES: Not Specified	Not Applicable
EXPERIENCE	Two years of experience as an animal control officer, commensurate with the mission NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable
CURRENCY	Routinely provides animal control services commensurate with the mission NOTES: Not Specified	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	NACA certification or equivalent animal control certification NOTES: Not Specified	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team (Animal Search and Rescue Team)
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve
7. Requestor specifies specialty skills or certifications necessary, such as euthanasia or chemical capture
8. Requestor specifies whether Animal Control/Humane Officer should bring animal control vehicle and specialized equipment

REFERENCES

1. FEMA, NIMS 508: Animal Search and Rescue Team
2. FEMA, NIMS Guideline for the National Qualification System, November 2017
3. National Animal Care & Control Association (NACA) Guidelines

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL DECONTAMINATION SPECIALIST

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: 1. Handles and decontaminates animals for animal decontamination operations in nuclear or radiological incidents, including: 2. Removing radiological contaminants in a nuclear/radiological incident response	The Animal Decontamination Specialist: 1. Provides a range of decontamination operations for animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Is a certified NIMS typed Animal Care and Handling Specialist, Animal Control/Humane Officer, Veterinarian, or Veterinary Assistant 3. Handles and decontaminates animals for animal decontamination operations other than nuclear or radiological; tasks include: a. Removing blood, urine, and feces from working dogs, working horses, or service animals b. Removing riot control agents, such as pepper spray, from working dogs, working horses, or service animals c. Removing contaminants associated with floodwater—such as debris, industrial chemicals, petroleum products, and biological pathogens—from animals after a disaster d. Cleaning oiled birds, mammals, and other wildlife e. Cleaning search-and-rescue cadaver dogs working in a contaminated environment f. Removing chemical contaminants in a chemical incident response g. Removing biotoxins in a biotoxin incident response
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2, PLUS: 1. Training in accordance with the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1200: Hazard Communication Standard 2. Authority Having Jurisdiction (AHJ)-provided training in radiological responses and equipment use NOTES: Not Specified	Completion of the following: 1. Training for a NIMS typed Animal Care and Handling Specialist, Animal Control/Humane Officer, Veterinarian, or Veterinary Assistant 2. Training in accordance with the OSHA 29 CFR Part 1910.120: Hazardous Materials Awareness 3. AHJ-provided animal decontamination training
EXPERIENCE	Same as Type 2, PLUS: Participation in an animal radiological decontamination exercise NOTES: Not Specified	Participation in an animal decontamination exercise

TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	<ol style="list-style-type: none"> 1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by working environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	
CURRENCY	Same as Type 2	Participates in an animal decontamination exercise at least once every two years
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Companion Animal Decontamination Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor can order this resource to augment the human decontamination lines of hazardous materials teams
7. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Companion Animal Decontamination Team
2. FEMA, NIMS 509: Animal Care and Handling Specialist
3. FEMA, NIMS 509: Animal Control/Humane Officer
4. FEMA, NIMS 509: Veterinarian
5. FEMA, NIMS 509: Veterinary Assistant
6. FEMA, NIMS Guideline for the National Qualification System, November 2017
7. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Materials Awareness, latest edition adopted
8. OSHA 29 CFR Part 1910.1200: Hazard Communication Standard, latest edition adopted

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL DEPOPULATION SPECIALIST

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Depopulation Specialist: 1. Depopulates animals when necessary because of public health and welfare concerns, disease exposure, threat, or infection 2. Has knowledge and expertise in one or more specialty areas of depopulation as outlined in the American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals, and has knowledge, expertise, and experience in depopulating animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 3. Reviews the availability of animal handling facilities and evaluates their efficiency and safety (for animals and people) 4. Assesses the number, size, and weight of animals for depopulation 5. Assesses the staffing levels necessary for effective depopulation 6. Safely depopulates animals as trained, as expediently and humanely as possible 7. Ensures effective depopulation methodology for the species 8. Prepares animals for disposal	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. Authority Having Jurisdiction (AHJ)-approved training in the use of approved methods of euthanasia for different species NOTES: Not Specified	Not Applicable
EXPERIENCE	Demonstrates to appropriate AHJ representative a skill set relevant to depopulation methodology, or has experience working on an Animal Depopulation Team NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable
CURRENCY	Routinely trains with equipment and species commensurate with the mission NOTES: Not Specified	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified NOTES: Not Specified	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Animal Depopulation Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor discusses animal handling supplies and equipment necessary for specific species
7. Requestor specifies competency areas necessary based on the animal population the position will manage

REFERENCES

1. FEMA, NIMS 508: Animal Depopulation Team
2. FEMA, NIMS Guideline for the NQS, November 2017
3. American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals, 2013
4. United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS), Highly Pathogenic Avian Influenza (HPAI), Depopulation and Disposal for Birds in Your HPAI-Infected Flock, APHIS 91-85-010, January 2016

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Depopulation refers to the destruction of large numbers of animals in response to a public health or animal health emergency. Though animal welfare receives as much consideration as is practical, depopulation is sometimes necessary because of extenuating circumstances (Reference: APHIS 91-85-010, issued January 2016). Depopulation methods vary according to AHJ regulations. According to AVMA Guidelines for the Euthanasia of Animals, 2013, "Selection of the most appropriate method of euthanasia in any given situation depends on the species and number of animals involved, available means of animal restraint, skill of personnel, and other considerations."

ANIMAL DEPOPULATION TEAM

DESCRIPTION	The Animal Depopulation Team depopulates animals when necessary because of public health and welfare concerns, disease exposure, disease threat, or infection. This team may depopulate herds and flocks either in open areas or in confined spaces, using specialized equipment and protocols for the affected species.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Coordinates with Veterinary Medical Team, Companion Animal Decontamination Team, and disposal personnel as necessary 2. Has competency in one or more depopulation methods outlined in the American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals 3. Works at existing facilities, such as poultry barns, sale barns, hospitals, and shelters, as well as in the field 4. Performs its duties for one or more of the following populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife, captive wildlife, or zoo animals d. Laboratory animals	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor specifies type of species, number of existing animals, conditions under which team will operate, desired depopulation method, disease or welfare condition, complicating factors, and Personal Protective Equipment (PPE) requirements 4. Individuals responding with this team possess the knowledge and skills to perform depopulation activities humanely 5. Requestor specifies whether competency with particular animal populations is necessary 6. Discuss preparation supplies—such as water, foam, or carbon dioxide—as well as animal handling supplies and equipment necessary for species the team will manage 7. Requestor orders additional specialists separately, as necessary, such as Veterinarians, Veterinary Assistants, and Animal Care and Handling Specialists 8. Requestor orders separate resources to provide decontamination of personnel and equipment, if necessary 9. This team does not handle animal remains; requestor plans for disposal of animal remains separately in accordance with all applicable laws and regulations

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team Member	Communications	1. Two-way portable radio 2. Cell phone	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Personal Protective Equipment	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks	Not Applicable	Not Applicable	Not Applicable
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team	General	1. Team transport vehicles (2) 2. Flashlights	Not Applicable	Not Applicable	Not Applicable
			NOTES: Requestor orders additional trailer or vehicles, such as box trucks, if necessary, depending on species, conditions, presence or absence of disease, and handling requirements.			
Equipment	Per Team	Technical	Equipment needs vary based on the conditions and species involved, and include: 1. Poultry foaming equipment 2. Poultry carbon dioxide equipment 3. Livestock captive bolt 4. Small animal injection materials	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Minimum	6	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Support	5 - NIMS Type 1 Animal Depopulation Specialist	Not Applicable	Not Applicable	Not Applicable
			NOTES: Requestor orders additional Animal Care and Handling Specialists and Animal Control/Humane Officers as necessary.			

REFERENCES

1. FEMA, NIMS 508: Companion Animal Decontamination Team
2. FEMA, NIMS 508: Veterinary Team
3. FEMA, NIMS 509: Animal Care & Handling Specialist
4. FEMA, NIMS 509: Animal Control / Humane Officer
5. FEMA, NIMS 509: Animal Depopulation Specialist
6. FEMA, NIMS 509: Animal Emergency Response Team Leader
7. FEMA, NIMS 509: Veterinarian
8. FEMA, NIMS 509: Veterinary Assistant
9. American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals, 2013
10. United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS), Highly Pathogenic Avian Influenza (HPAI), Depopulation and Disposal for Birds in Your HPAI-Infected Flock, APHIS 91-85-010, January 2016
11. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
12. National Wildfire Coordinating Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Depopulation refers to the destruction of large numbers of animals in response to a public health or animal health emergency. Though animal welfare receives as much consideration as is practical, depopulation is sometimes necessary because of extenuating circumstances (Reference: APHIS 91-85-010, issued January 2016). Depopulation methods vary according to Authority Having Jurisdiction (AHJ) regulations. According to AVMA Guidelines for the Euthanasia of Animals, 2013, "Selection of the most appropriate method of euthanasia in any given situation depends on the species and number of animals involved, available means of animal restraint, skill of personnel, and other considerations."

ANIMAL EMERGENCY RESPONSE SHELTER MANAGER

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: 1. Oversees setup, operations, and demobilization of a complex temporary animal shelter on a site without existing facilities 2. Determines site suitability for a temporary animal shelter, based on animal populations and species needing shelter 3. Designs a temporary animal shelter, including ventilation, electricity, water, exercise areas, and other facilities 4. Establishes a supply line for a temporary animal shelter 5. Equips and organizes a temporary animal shelter 6. Plans security for a temporary animal shelter 7. Plans for and sets up isolation, quarantine, and decontamination facilities, as necessary	The Animal Emergency Response Shelter Manager: 1. Provides leadership, supervision, and administrative support for the operation and demobilization of a temporary animal shelter in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Oversees setup, operations, and demobilization of a temporary animal shelter 3. Organizes and supervises all onsite staff and volunteers; delegate tasks, communicates instructions, enforces policies, and sets priorities 4. Manages information and facilitates communications to, from, and within the team 5. Ensures compliance with animal sheltering and animal welfare standards 6. Ensures facility and equipment maintenance, safety and biosecurity protocols, sanitation procedures, and general upkeep 7. Helps identify and allocate resources to support the shelter
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2 NOTES: Not Specified	1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-300: Intermediate Incident Command System for Expanding Incidents 4. IS-700: National Incident Management System, An Introduction 5. IS-800: National Response Framework, An Introduction

TYPE	TYPE 1	TYPE 2
EXPERIENCE	Same as Type 2, PLUS: Knowledge, Skills, and Abilities: 1. Knowledge of facility/site acquisition or identification 2. Knowledge of facility/site planning 3. Knowledge of facility renovation management Experience: Demonstrated experience in performing tasks required to set up a temporary animal shelter, including designing a shelter/facility layout and establishing organizational systems and workflow to ensure effective and efficient facility operations	Knowledge, Skills, and Abilities: Knowledge of facility management and maintenance Experience: Two years of experience managing an animal shelter or equivalent facility
NOTES: Not Specified		
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.		
CURRENCY	Functions in this position during an operational incident, exercise, drill, or simulation at least once every three years	Functions in this position during an operational incident, exercise, drill, or simulation at least once every five years
NOTES: Not Specified		
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
NOTES: Not Specified		

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Animal Sheltering Team Animal Only Shelter, Animal Sheltering Team Cohabitated Shelter)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve
7. Requestor orders a Type 1 or Type 2 Animal Emergency Response Shelter Manager based on numerous factors, including:
 - a. Availability of established or identified buildings, utilities, ventilation, and supply lines
 - b. Availability of animal exercise areas
 - c. Environmental conditions
 - d. Feasibility of species colocation
 - e. Number of animals needing shelter

REFERENCES

1. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
2. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
4. FEMA, NIMS Guideline for the National Qualification System, November 2017
5. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014
6. Association of Shelter Veterinarians (ASV) Guidelines for Standards of Care in Animal Shelters, 2010

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL EMERGENCY RESPONSE TEAM LEADER

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Emergency Response Team Leader: 1. Leads and coordinates an Animal Emergency Response Team within the incident command structure, working in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Serves as the team leader 3. Manages team members 4. Manages operational missions assigned to the team 5. Helps identify, procure, and allocate resources to support animal emergency response missions 6. Facilitates communications to, from, and within the team 7. Coordinates team activities within the incident command structure 8. Ensures team safety 9. Ensures compliance with animal welfare standards	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not specified NOTES: Not Specified	Not Applicable
TRAINING	1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. ICS-300: Intermediate Incident Command System for Expanding Incidents 4. IS-700: National Incident Management System, An Introduction 5. IS-800: National Response Framework, An Introduction NOTES: Not Specified	Not Applicable
EXPERIENCE	1. Three years of experience as a supervisor or team leader in an animal care setting 2. Leadership experience in an animal emergency response incident or an operations-based exercise NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable
CURRENCY	Functions in this position during an operational incident, exercise, drill, or simulation at least once every five years NOTES: Not Specified	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified NOTES: Not Specified	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (such as an Animal Evacuation, Transport, and Re-entry Team or an Animal Sheltering Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Animal Evacuation, Transport, and Re-entry Team
2. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
4. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
5. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL EVACUATION, TRANSPORT, AND RE-ENTRY TEAM

DESCRIPTION	The Animal Evacuation, Transport, and Re-entry Team evacuates animals from disaster areas to non-impacted areas by receiving animals from search-and-rescue teams, animal control personnel, shelters, or members of the community. This team coordinates the animals' return to the community, as appropriate. This team also transports animals from one location to another, as appropriate, to meet disaster response needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	<p>This team:</p> <ol style="list-style-type: none"> 1. Coordinates with Animal Search and Rescue, Sheltering, and Veterinary Medical Teams, as necessary 2. Manages evacuation planning, activities, and transport 3. Identifies and documents animals 4. Initiates and continues animal tracking 5. Loads and unloads animals 6. Monitors animals throughout the evacuation, transport, and re-entry process 7. Transports or coordinates transport of evacuated animals to and from impacted areas 8. Reunifies or facilitates reunification of animals with their owners 9. Performs the above duties for one or more of the following populations: <ol style="list-style-type: none"> a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife, captive wildlife, or zoo animals d. Laboratory animals 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Required personnel, supplies, and equipment depend on the operating environment (hot, warm, or cold), potential hazards, and type of mission (evacuation, re-entry, or both); requestor specifies additional training, certification, or experience required to operate in hazardous environments, if appropriate 4. Requestor specifies required competency with particular animal populations and tracking software/systems, as well as other evacuation, transport, and re-entry requirements 5. Requestor orders a Veterinarian or Veterinary Assistant to support team activities, if necessary 6. Discuss provision/acquisition of necessary animal identification and tracking supplies and equipment, such as GPS, microchips, universal microchip scanners, barcode systems and readers, ID supplies (tab band collars, livestock tags, or other ID suitable for species), intake forms, and request-for-rescue forms 7. Discuss provision of animal transport vehicles appropriate for the species transported, as well as the need for authorized drivers 8. Discuss the need for species-specific animal handling supplies and equipment 9. Requestor orders additional Animal Care and Handling Specialists or Animal Intake and Reunification Specialists as necessary, based on the incident

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Specified	Not Specified
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks
Equipment	Per Team	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radios as necessary for team communication 2. One cell phone per team member 3. One GPS per vehicle
Personnel	Per Team	Minimum	12	9	4	2
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Support	Same as Type 2, PLUS: 2 - NIMS Type 2 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 2 - NIMS Type 2 Animal Care and Handling Specialist 2 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 4, PLUS: 2 - NIMS Type 2 Animal Care and Handling Specialist	2 - NIMS Type 2 Animal Care and Handling Specialist
Capacity	Per Team	Transport	50 or more animals	31 to 49 animals	11 to 30 animals	1 to 10 animals
			NOTES: Capacity varies based on species transported.			
Equipment	Per Team	Transport	Same as Type 2	Same as Type 3	Same as Type 4	Capture and containment equipment suitable for species transported
			NOTES: Not Specified			
Transportation	Per Team	Transport	Same as Type 2	Same as Type 3	Same as Type 4	1. Number, type, and animal capacity of transport vehicles determined based on mission and species evacuated 2. Passenger vehicles, as appropriate for team mission
			NOTES: Not Specified			

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. FEMA, NIMS 509: Animal Care and Handling Specialist
3. FEMA, NIMS 509: Animal Intake and Reunification Specialist
4. FEMA, NIMS 509: Veterinarian
5. FEMA, NIMS 509: Veterinary Assistant
6. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
7. Animal Welfare Act and associated regulations, latest editions adopted
8. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Evacuation and Transportation Best Practices, June 2012
9. NASAAEP Species Evacuation and Transport Guide, September 2014

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Animal transport has inherent risks, particularly risks related to ventilation and temperature. Personnel must ensure safe and humane transport of animals, mitigating risks of animal injury or death in transit. Use special care in transporting very young, old, sick, or otherwise compromised animals. Regularly monitor the animals during transit.
3. See National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Evacuation and Transportation Best Practices for additional transportation guidelines.

ANIMAL INTAKE AND REUNIFICATION SPECIALIST

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: 1. Coordinates, oversees, and manages large and complex animal intake, identification, tracking, and reunification operations 2. Designs and implements intake, identification, tracking, and reunification protocols 3. Develops and maintains animal lost and found registry 4. Develops and implements just-in-time training on animal intake, identification, tracking, and reunification protocols	The Animal Intake and Reunification Specialist: 1. Is an administrative position that supports various animal emergency response teams in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Identifies and documents animals 3. Tracks animal movements 4. Reunifies animals with owners or owner agents 5. Follows protocols for intake, identification, tracking, and reunification 6. Validates and reconciles animal inventory/census 7. Maintains animal lost and found registry 8. Reports validated animal counts and activities 9. Provides just-in-time training on animal intake, identification, tracking, and reunification protocols
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: 1. IS-100: Introduction to the Incident Command System 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2, PLUS: 1. Ability to design and implement animal tracking systems 2. Ability to design and implement animal intake, identification, and reunification protocols 3. Ability to develop just-in-time training NOTES: Not Specified	1. Working knowledge of animal species identification, animal breeds, and animal description (gender, color, size, and markings) 2. Ability to use animal management software 3. Ability to use social media to support animal lost and found registry



TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks	
CURRENCY	Routinely performs Type 1-level duties for the species listed, in conjunction with an animal control facility, animal shelter, veterinary hospital, livestock market, zoological institution, research facility, animal response organization, or related organization	Routinely performs Type 2-level duties for the species listed, in conjunction with an animal control facility, animal shelter, veterinary hospital, livestock market, zoological institution, research facility, animal response organization, or related organization
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (such as an Animal Sheltering Team or an Animal Evacuation, Transport, and Re-entry Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
2. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
4. FEMA, NIMS 508: Animal Evacuation, Transport, and Re-entry Team
5. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SEARCH AND RESCUE TEAM

DESCRIPTION	The Animal Search and Rescue Team locates, stabilizes, extricates, and evacuates animals in a disaster environment		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Coordinates and collaborates with other animal emergency response teams, as necessary 2. Coordinates and plans animal search and rescue efforts 3. Locates, captures, and contains displaced animals within the disaster zone 4. Prepares animals for transport 5. Identifies animals, documents rescue location, and records other relevant data to facilitate reunification with owners 6. Coordinates live trapping and chemical capture as necessary 7. Triage rescued animals for appropriate transport methods to prevent disease and mitigate medical and behavioral issues 8. Performs the above duties for one or more of the following populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife, captive wildlife, or zoo animals d. Laboratory animals	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Discuss provision/acquisition of necessary supplies and equipment, such as restraint/control and capture equipment 4. Requestor specifies competency areas necessary based on animal population 5. Requestor orders additional Animal Search and Rescue Technician(s), Animal Control/Humane Officer(s), or Animal Care and Handling Specialist(s) to increase team capacity based on incident 6. Requestor makes provisions for veterinary care based on mission requirements

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 4 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader who is also a certified NIMS Type 3 Animal Search and Rescue Technician	1 - NIMS Type 1 Animal Emergency Response Team Leader who is also a certified NIMS Type 3 Animal Search and Rescue Technician	Not Specified	Not Applicable
			NOTES: For Type 3 teams, any team member having completed ICS 300 may function as team leader, or the existing chain of command provides management and oversight at the requestor's discretion.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	1. Two-way portable radio 2. Cell phone	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Minimum	26	8	4	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Support	Same as Type 2, PLUS: 4 - NIMS Type 1 Animal Search and Rescue Technician 9 - NIMS Type 2 or Type 3 Animal Search and Rescue Technician 1 - NIMS Type 2 Veterinarian	7 - NIMS Type 2 Animal Search and Rescue Technician	1 - NIMS Type 3 Animal Search and Rescue Technician 3 - NIMS Type 2 Animal Care and Handling Specialist, NIMS Type 1 Animal Control/Humane Officer, or NIMS Type 3 Animal Search and Rescue Technician	Not Applicable
			NOTES: 1. A NIMS Type 2 Animal Care and Handling Specialist or NIMS Type 1 Animal Control/Humane Officer can replace a NIMS Type 3 Animal Search and Rescue Technician only on a Type 3 team. 2. Type 1 teams typically split into four subordinate teams.			
Capability	Per Team	Search and Rescue	Same as Type 2, PLUS: Can execute advanced rescue operations, such as high- and low-angle and swiftwater rescue	Same as Type 3, PLUS: Can perform water-based rescue and can use land- and water-based navigation technology to locate and geo-reference displaced animals	Land-based search and rescue only	Not Applicable
			NOTES: Not Specified			
Capacity	Per Team	Search and Rescue	Responds to multiple jurisdictions, with multiple geographic areas, and manages approximately 50 companion animals or 25 livestock per 12-hour shift; may provide overall management and coordination remotely	Responds to a single jurisdiction with multiple geographic areas (or a single large, complex site) and manages approximately 24 animals per 12-hour shift	Responds to a single jurisdiction, manages a single area, and manages approximately 12 animals per 12-hour shift	Not Applicable
			NOTES: Requestor may order additional single resources to augment team if necessary, based on number of animals.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Electronic	Same as Type 2, PLUS: Systems to input and transmit animal data to Animal Evacuation, Transport, and Re-Entry Team and Animal Sheltering Teams	Same as Type 3, PLUS: GPS	Digital cameras	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team	Animal Handling	Same as Type 2	Same as Type 3	Animal capture and handling equipment specific to the population served	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protection Equipment	Same as Type 2	Same as Type 3	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks 7. Protective headgear	Not Applicable
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			

REFERENCES

1. FEMA, NIMS 508: Animal Evacuation, Transport, and Re-entry Team
2. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
4. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
5. FEMA, NIMS 508: Veterinary Medical Team
6. FEMA, NIMS 509: Animal Care and Handling Specialist
7. FEMA, NIMS 509: Animal Control/Humane Officer
8. FEMA, NIMS 509: Animal Emergency Response Team Leader
9. FEMA, NIMS 509: Animal Search and Rescue Technician
10. FEMA, NIMS 509: Veterinarian
11. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
12. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Best Practices for Animal Search and Rescue Training, latest published edition

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SEARCH AND RESCUE TECHNICIAN

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: Performs safely in hazardous conditions involving animals exposed to a contaminated environment	Same as Type 3, PLUS: 1. Performs rescue in water-base situations 2. Performs technical rescue involving advanced animal rescue techniques and equipment, such as slack water and swiftwater rescue, high- and low-angle rescue, and use of slings and glides 3. Supports Urban Search and Rescue Team in compromised structure settings at an Operations Level
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Authority Having Jurisdiction (AHJ) ASAR Specialist Level training comparable to the National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Best Practices for ASAR Training: Specialist Level NOTES: Not Specified	AHJ ASAR Technician Level training comparable to the NASAAEP Best Practices for ASAR Training: Technician Level
EXPERIENCE	Same as Type 2 NOTES: Not Specified	Two years of experience in a disaster or emergency setting commensurate with the mission assignment
PHYSICAL/MEDICAL FITNESS	Same as Type 2 NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Same as Type 3
CURRENCY	Same as Type 2 NOTES: Not Specified	Same as Type 3, PLUS: Routinely responds to ASAR requests at local, regional, and national levels
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	AHJ-certified ASAR Specialist Level NOTES: Not Specified	AHJ-certified ASAR Technician Level

TYPE	TYPE 3	NO TYPE 4
DESCRIPTION	The ASAR Technician: 1. Locates, captures, contains, and evacuates animals in one or more of the following competency areas after a disaster: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Performs rescue, rapid evacuation, and recovery in land-based situations 3. Performs rescue involving lifting and moving animals and equipment 4. Administers animal first aid 5. Ensures safety for self, team members, and operations by providing: a. Basic first aid for self and team members b. Simple decontamination of self and team members c. Ground vehicles for operations and support 6. Operates in environments with and without infrastructure, including areas affected by disasters and terrorism, and areas with compromised access to roadways, utilities, transportation, shelter, food, and water	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Not Specified AHJ ASAR Operations Level training comparable to the NASAAEP Best Practices for ASAR Training: Operations Level NOTES: Not Specified	Not Applicable
EXPERIENCE	Not Specified NOTES: Not Specified	Not Applicable
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable



TYPE	TYPE 3	NO TYPE 4
CURRENCY	1. Responds to ASAR requests at local level 2. Participates in annual ASAR training exercise	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	AHJ-certified ASAR Operations Level	Not Applicable
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team (Animal Search and Rescue Team)
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve
7. Requestor specifies specialty areas (for example, fire, slack water, swiftwater) necessary based on incident requirements

REFERENCES

1. FEMA, NIMS 508: Animal Search and Rescue Team
2. FEMA, NIMS 508: Urban Search and Rescue Team
3. FEMA, NIMS Guideline for the NQS, November 2017
4. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Best Practices for Animal Search and Rescue Training, latest edition adopted
5. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SHELTERING TEAM - ANIMAL-ONLY SHELTER

DESCRIPTION	The Animal Sheltering Team - Animal-Only Shelter manages the oversight, setup, operations, communication, and demobilization of a temporary animal shelter. The team provides a safe and protected environment for displaced animal populations and meets their basic needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Establishes and manages a temporary shelter for the safe and humane handling, care/husbandry, and housing of one of the following animal populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species 2. Meets animals' basic welfare needs 3. Ensures proper animal identification, tracking, reunification, and reporting 4. Coordinates with incident command; coordinates all facets of the animal response and intersecting components of the human response 5. Maintains safety, biosecurity, and sanitation of the facility and equipment 6. Provides appropriate security	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor may order any combination of Veterinarian, Veterinary Assistant, and Veterinary Medical Team to support this team's activities, if necessary 4. Requestor may order a Shelter Facilities Support Team Leader to support shelter operations, if necessary 5. In an animal-only shelter, shelter staff provide full care of animals, which may be either stray (owner unknown) or temporarily away from their owners 6. Though owners may visit, they do not provide daily animal care 7. Average ordering ratio for Animal Care and Handling Specialists is one person to 15 animals; this ratio varies by species and shelter conditions 8. Requestor considers sheltering requirements for animals that are not medically or behaviorally suited for congregate sheltering 9. Requestor considers species-specific management needs

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader 1 - Administrative Support	Same as Type 3, PLUS: 1 - NIMS Type 1 Animal Emergency Response Team Leader	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Emergency Response Shelter Manager	1 - NIMS Type 1 Animal Emergency Response Team Leader
			NOTES: 1. Order one or more NIMS Type 1 Animal Emergency Response Shelter Manager if shelter planning, site selection, design, and setup are necessary to establish shelter. 2. Animal Emergency Response Team Leaders provide technical expertise for operations, planning, logistics, safety, finance, and administration of shelter operations. 3. Order additional Animal Emergency Response Team Leaders as appropriate based on scope and scale of shelter operations. 4. The Administrative Support position is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Gloves 5. Masks
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Personnel	Per Team	Minimum	43	26	11	9
			NOTES: Not Specified			
Personnel	Per Team	Support	Same as Type 2, PLUS: 13 - NIMS Type 2 Animal Care and Handling Specialist 2 - Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 13 - NIMS Type 2 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Intake and Reunification Specialist	2 - NIMS Type 1 Animal Care and Handling Specialist 5 - NIMS Type 2 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist
			NOTES: Order additional Animal Care and Handling Specialists and Animal Intake and Reunification Specialists as appropriate based on scope and scale of shelter operations; for example: 1. To help with animal intake as shelter opens 2. If operating hours exceed 12 hours per day 3. If number of animals in shelter exceeds 500			
Capacity	Per Team	Sheltering	Up to 500 animals	Up to 300 animals	Same as Type 4	Up to 100 animals
			NOTES: Not Specified			
Location	Per Team	Sheltering	Same as Type 2	Same as Type 3	A self-contained temporary shelter	Supplemental staff to support an established shelter
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Sheltering	Same as Type 2	Same as Type 3	Requestor provides or obtains shelter kit appropriate for animal population served; kit may include: <ol style="list-style-type: none"> 1. Cages, crates, and other containment equipment 2. Collars, leashes, halters, lead ropes, lariat ropes 3. Animal ID supplies, such as collar tags 4. Muzzles 5. Food 6. Potable water 7. Bowls 8. Litter boxes 9. Litter 10. Cleaning and disinfecting supplies 11. Microchips/scanners 12. Vaccines 13. Animal intake forms 	Not Specified
			NOTES: 1. Team procures consumable animal supplies (food, litter, etc.) continually while shelter remains in operation. 2. Requestor specifies additional necessary equipment, including laptops, digital cameras, universal microchip scanners, intake forms, identification collars, or others.			

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. FEMA, NIMS 509: Animal Emergency Response Shelter Manager
3. FEMA, NIMS 509: Animal Care and Handling Specialist
4. FEMA, NIMS 509: Animal Intake and Reunification Specialist
5. FEMA, NIMS 509: Veterinarian
6. FEMA, NIMS 509: Veterinary Assistant
7. FEMA, NIMS 508: Veterinary Medical Team
8. FEMA, NIMS 509: Shelter Facilities Support Team Leader
9. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
10. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SHELTERING TEAM - COHABITATED SHELTER

DESCRIPTION	The Animal Sheltering Team - Cohabitated Shelter manages the oversight, setup, operations, communication, and demobilization of a temporary animal shelter. The team provides a safe and protected environment for displaced animal populations and meets their basic needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Establishes and manages a temporary shelter for the safe and humane handling, care/husbandry, and housing of one of the following animal populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species 2. Meets animals' basic welfare needs 3. Ensures proper animal identification, tracking, reunification, and reporting 4. Coordinates with incident command; coordinates all facets of the animal response and intersecting components of the human response 5. Maintains safety, biosecurity, and sanitation of the facility and equipment 6. Provides appropriate security	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor may order any combination of Veterinarian, Veterinary Assistant, and Veterinary Medical Team to support this team's activities, if necessary 4. Requestor may order a Shelter Facilities Support Team Leader to support shelter operations, if necessary 5. Cohabitated shelters place animals and owners in the same space 6. Animal owners provide primary care for their own animals with their own supplies, which the sheltering entity may supplement if necessary and if available 7. Requestor considers sheltering requirements for animals that are not medically or behaviorally suited for congregate sheltering 8. Requestor considers species-specific management needs

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader 1 - Administrative Support	Same as Type 3, PLUS: 1 - NIMS Type 1 Animal Emergency Response Team Leader	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Emergency Response Shelter Manager	1 - NIMS Type 1 Animal Emergency Response Team Leader
			NOTES: 1. Order one or more NIMS Type 1 Animal Emergency Response Shelter Manager if shelter planning, site selection, design, and setup are necessary to establish shelter. 2. Animal Emergency Response Team Leaders provide technical expertise for operations, planning, logistics, safety, finance, and administration of shelter operations. 3. Order additional Animal Emergency Response Team Leaders as appropriate based on scope and scale of shelter operations. 4. The Administrative Support position is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Gloves 5. Mask
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
			NOTES: Not Specified			
Personnel	Per Team	Minimum	10	7	5	4
			NOTES: Not Specified			
Capacity	Per Team	Sheltering	Up to 500 animals	Up to 300 animals	Same as Type 4	Up to 100 animals
			NOTES: Not Specified			
Location	Per Team	Sheltering	Same as Type 2	Same as Type 3	A self-contained temporary shelter	Supplemental staff to support an established shelter
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Sheltering	Same as Type 2	Same as Type 3	Requestor provides or obtains shelter kit appropriate for animal population served; kit may include: 1. Cages, crates, and other containment equipment 2. Collars, leashes, halters, lead ropes, lariat ropes 3. Animal ID supplies, such as collar tags 4. Muzzles 5. Food 6. Potable water 7. Bowls 8. Litter boxes 9. Litter 10. Cleaning and disinfecting supplies 11. Microchips/scanners 12. Vaccines 13. Animal intake forms	Not Specified
					NOTES: 1. Team procures consumable animal supplies (food, litter, and so on) continually while shelter remains in operation. 2. Requestor specifies additional necessary equipment, including laptop computers, digital cameras, universal microchip scanners, intake forms, or identification collars.	
Support	Per Team	Sheltering	Sheltering Same as Type 2, PLUS: 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 4	2 - NIMS Type 1 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist
			NOTES: Order additional Animal Care and Handling Specialists and Animal Intake and Reunification Specialists as appropriate based on scope and scale of shelter operations; for example: 1. To help with animal intake as shelter opens 2. If operating hours exceed 12 hours per day 3. If number of animals in shelter exceeds 500 4. If shelter includes both animals that owners care for and animals that are unattended			

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Animal Emergency Response Shelter Manager
3. FEMA, NIMS 509: Animal Emergency Response Team Leader
4. FEMA, NIMS 509: Animal Care and Handling Specialist
5. FEMA, NIMS 509: Animal Intake and Reunification Specialist
6. FEMA, NIMS 509: Shelter Facilities Support Team Leader
7. FEMA, NIMS 509: Veterinarian
8. FEMA, NIMS 509: Veterinary Assistant
9. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
10. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SHELTERING TEAM - COLLOCATED SHELTER

DESCRIPTION	The Animal Sheltering Team - Collocated Shelter manages the oversight, setup, operations, communication, and demobilization of a temporary animal shelter. The team provides a safe and protected environment for displaced animal populations and meets their basic needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Establishes and manages a temporary shelter for the safe and humane handling, care/husbandry, and housing of one of the following animal populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species 2. Meets animals' basic welfare needs 3. Ensures proper animal identification, tracking, reunification, and reporting 4. Coordinates with incident command; coordinates all facets of the animal response and intersecting components of the human response 5. Maintains safety, biosecurity, and sanitation of the facility and equipment 6. Provides appropriate security	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor may order any combination of Veterinarian, Veterinary Assistant, and Veterinary Medical Team to support this team's activities, if necessary 4. Requestor may order a Shelter Facilities Support Team Leader to support shelter operations, if necessary 5. Collocated shelters place animals within local commuting distance of their owners 6. Animal owners provide basic daily care for their animals in the collocated shelter 7. Requestor considers sheltering requirements for animals that are not medically or behaviorally suited for congregate sheltering 8. Requestor considers species-specific management needs

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader 1 - Administrative Support	Same as Type 3, PLUS: 1 - NIMS Type 1 Animal Emergency Response Team Leader	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Emergency Response Shelter Manager	1 - NIMS Type 1 Animal Emergency Response Team Leader
			NOTES: 1. Order one or more NIMS Type 1 Animal Emergency Response Shelter Manager if shelter planning, site selection, design, and setup are necessary to establish shelter. 2. Animal Emergency Response Team Leaders provide technical expertise for operations, planning, logistics, safety, finance, and administration of shelter operations. 3. Order additional Animal Emergency Response Team Leaders as appropriate based on scope and scale of shelter operations. 4. The Administrative Support position is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Gloves 5. Masks
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Personnel	Per Team	Minimum	15	11	8	7
			NOTES: Not Specified			
Personnel	Per Team	Support	Same as Type 2, PLUS: 1 - NIMS Type 2 Animal Care and Handling Specialist 1 - Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 1 - NIMS Type 2 Animal Care and Handling Specialist 1 - Animal Intake and Reunification Specialist	Same as Type 4	2 - NIMS Type 1 Animal Care and Handling Specialist 3 - NIMS Type 2 Animal Care and Handling Specialist 1 - Animal Intake and Reunification Specialist
			NOTES: Order additional Animal Care and Handling Specialists and Animal Intake and Reunification Specialists as appropriate based on scope and scale of shelter operations; for example: 1. To help with animal intake as shelter opens 2. If operating hours exceed 12 hours per day 3. If number of animals in shelter exceeds 500 4. If shelter includes both animals that owners care for and animals that are unattended			
Capacity	Per Team	Sheltering	Up to 500 animals	Up to 300 animals	Same as Type 4	Up to 100 animals
			NOTES: Not Specified			
Location	Per Team	Sheltering	Same as Type 2	Same as Type 3	A self-contained temporary shelter	Supplemental staff to support an established shelter
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Sheltering	Same as Type 2	Same as Type 3	Requestor provides or obtains shelter kit appropriate for animal population served; kit may include: <ol style="list-style-type: none"> 1. Cages, crates, and other containment equipment 2. Collars, leashes, halters, lead ropes, lariat ropes 3. Animal ID supplies, such as collar tags 4. Muzzles 5. Food 6. Potable water 7. Bowls 8. Litter boxes 9. Litter 10. Cleaning and disinfecting supplies 11. Microchips/scanners 12. Vaccines 13. Animal intake forms 	Not Specified
NOTES: 1. Team procures consumable animal supplies (food, litter, and so on) continually while shelter remains in operation. 2. Requestor specifies additional necessary equipment, including laptop computers, digital cameras, universal microchip scanners, intake forms, or identification collars.						

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Animal Emergency Response Shelter Manager
3. FEMA, NIMS 509: Animal Emergency Response Team Leader
4. FEMA, NIMS 509: Animal Care and Handling Specialist
5. FEMA, NIMS 509: Animal Intake and Reunification Specialist
6. FEMA, NIMS 509: Shelter Facilities Support Team Leader
7. FEMA, NIMS 509: Veterinarian
8. FEMA, NIMS 509: Veterinary Assistant
9. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
10. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

COMPANION ANIMAL DECONTAMINATION TEAM

DESCRIPTION	A Companion Animal Decontamination Team provides companion animal intake, radiological assessment (if applicable), decontamination, and re-monitoring (if applicable)—followed by release to owners if animals are adequately clean or transfer to a longer-term holding facility if animals are persistently contaminated. For purposes of this document only, companion animals include pets, assistance animals, and service animals.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	<p>This team manages the decontamination of companion animals after incidents involving hazardous materials, including debris, floodwaters, and radiological contamination. Specifically, this team:</p> <ol style="list-style-type: none"> 1. Sets up all equipment at a designated “warm zone” site 2. Accepts animals from their owners or caretakers for rapid triage (behavioral and health), identification, and initial monitoring; Note: In some radiological incidents, this team may ask owners to participate actively in decontaminating their animals, per incident policies; Owner participation is less likely in non-radiological incidents 3. Transfers severely injured or ill animals to veterinary medical personnel for stabilization prior to decontamination, if resources permit, according to incident policies 4. Decontaminates animals using techniques appropriate for contaminant, species, breed, environmental conditions, and available resources 5. Monitors and re-monitors animals after decontamination in radiological incidents 6. Releases adequately decontaminated animals to their owners, or transfers animals to emergency animal shelters if owners are not available to claim animals 7. Performs repeat decontamination on persistently contaminated animals, or transfers such animals to a designated holding area 8. Disposes of wastewater and other waste in accordance with incident policies 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift under ideal environmental conditions; challenging environments (heat, cold, and precipitation) could reduce the team's ability to safely work continuously for a full shift 3. This team is self-sustainable for 24 hours and is deployable for up to 14 days 4. Requestor specifies desired capabilities for a single line of animal decontamination operations for a specific period 5. This team may require supporting utilities, including water, power, and sewer/wastewater disposal. For large-scale incidents, this team may require additional supplies, including Personal Protective Equipment (PPE), disposable leashes, Tyvek pet collars, surfactant, drying towels, and other supplies. Requestor should discuss expected numbers of animals for decontamination and team supply needs before placing order 6. Particularly in radiological incidents, requestor should discuss whether this team will establish a second or even third decontamination line in which owners can bathe and dry their own animals, with monitoring, coaching, and supervision. Requestor may need to order additional single resources to support this option. Consider local jurisdictional policies and liability in decisions about owners decontaminating their own animals 7. Discuss whether the incident requires 24-hour operations and whether very large numbers of animals will need monitoring or decontamination, and order teams accordingly 8. Discuss any additional just-in-time training necessary to comply with incident policy

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader (deputy)	Same as Type 3	1 - NIMS Type 1 Animal Emergency Response Team Leader	Not Specified
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3, PLUS: 1. Individual dosimeters for every team member 2. N-100 or better respirator	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks	Not Specified
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team Member	Communication	Same as Type 2	Same as Type 3	Cell phone	Not Specified
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Decontamination	Same as Type 2, PLUS: 1. One additional set of decontamination pools and tables 2. Two additional radiation monitoring devices (dosimeters)	1. 500-gallon water tank 2. Water heater capable of supporting two lines of decontamination 3. Water hoses and sprayers 4. Shallow decontamination pools (2) 5. Elevated animal handling tables for use inside pools (2) 6. Drain hoses or sump pumps 7. Tents (3-4) for intake area, animal holding area, and responder recovery area 8. Powered air purifying respirators or filter respirators 9. Personal dosimeter for each team member 10. Handheld radiation monitors (minimum 2) 11. Power cords and surge protectors 12. Veterinary diagnostic equipment (stethoscope, light, thermometers, etc.) 13. Animal cages for dogs and cats 14. Generator and fuel capable of supporting operations for a minimum of 24 hours	1. 250-gallon water tank 2. Water heater capable of supporting a single line of decontamination 3. Water hoses and sprayers 4. Shallow decontamination pool 5. Elevated animal handling table for use inside pool 6. Drain hoses or sump pumps 7. Tents or canopies (2-3) for intake area, animal holding area, and responder recovery area 8. Animal cages for dogs and cats 9. Generator and fuel capable of supporting operations for a minimum of 24 hours	Not Specified
Personnel	Per Team	Minimum	45	15	8	Not Specified
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Support	Same as Type 2, PLUS: 1 - NIMS Type 2 Veterinarian 1 - NIMS Type 1 Veterinary Assistant 1 - NIMS Type 2 Veterinary Assistant 1 - NIMS Type 1 Animal Behaviorist 4 - NIMS Type 2 Animal Decontamination Specialist 20 - NIMS Type 2 Animal Care and Handling Specialist 1 - Logistics Specialist	Same as Type 3, PLUS: 1 - NIMS Type 2 Veterinarian 1 - NIMS Type 2 Veterinary Assistant 2 - NIMS Type 2 Animal Decontamination Specialist 2 - NIMS Type 2 Animal Care and Handling Specialist 1 - Logistics Specialist	1 - NIMS Type 1 Veterinary Assistant 1 - NIMS Type 1 Animal Care and Handling Specialist 5 - NIMS Type 2 Animal Care and Handling Specialist	Not Specified
			NOTES: 1. Add drivers based on the number of vehicles used for transport. Driver is not a NIMS typed position. 2. A driver may be one of the team members, depending on the vehicle and the team member's driving credentials. 3. Logistics Specialist is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Capacity	Per Team	Minimum	Radiological decontamination: 1. Team can sustain one line of animals moving from station to station, with different personnel at each station 2. Minimum capacity of an estimated 10-12 animals per hour per line, with periodic rotation of some personnel 3. Capacity depends on environmental temperature and conditions 4. Due to PPE, ergonomic, and environmental challenges, team should include three rotating shifts of personnel to sustain operations continuously for 12 hours 5. Team may be able to sustain a second or even a third line, including line(s) for owners who volunteer to decontaminate their own animals, depending on jurisdictional and incident policies 6. Total minimum capacity estimated at 144 animals per shift, per line	Radiological decontamination: 1. Minimum capacity of an estimated 5 animals per hour with periodic rotation of some personnel 2. Capacity depends on environmental temperatures and conditions 3. Team may be able to sustain a second line for owners who volunteer to decontaminate their own animals, depending on jurisdictional and incident policies 4. Total minimum capacity of up to 50 animals per shift, not including pets decontaminated by owners	Floodwater or debris decontamination: 1. Single line of decontamination with a capacity of approximately 4-6 animals per hour or 50 animals per day	Not Specified
NOTES: For radiological incidents, not every animal will need decontamination. Cited numbers emphasize animals that need decontamination and not those that the team simply returns to their owners.						



RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Transportation	Per Team	Support	Same as Type 2	Same as Type 3	1. Vehicles for transporting equipment and supplies, based on mission 2. Passenger vehicles, as appropriate for mission	Not Specified
			NOTES: Not Specified			

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. FEMA, NIMS 509: Veterinarian
3. FEMA, NIMS 509: Veterinary Assistant
4. FEMA, NIMS 509: Animal Behaviorist
5. FEMA, NIMS 509: Animal Decontamination Specialist
6. FEMA, NIMS 509: Animal Care and Handling Specialist
7. FEMA Radiological Emergency Preparedness (REP) Program Manual, FEMA P-1028, 2016
8. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
9. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Decontamination Best Practices, 2012

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Companion animal decontamination teams are challenging to equip, train, and maintain. No two teams have identical equipment, but the above descriptions provide a common denominator for team development and deployment. Additional research in animal decontamination, particularly for radiological incidents, can help in identifying equipment and protocols to improve team throughput.
3. See National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Decontamination Best Practices for additional information.

ANIMAL AND AGRICULTURE DAMAGE ASSESSMENT TEAM

DESCRIPTION	The Animal and Agriculture Damage Assessment Team performs initial and ongoing situational assessments and needs assessments to determine the types of emergency relief necessary in an incident involving animal and agriculture issues. This team's work begins in the early, critical stages of a disaster and continues throughout the incident. Depending on the incident and hazards, the team may assess community veterinary infrastructure, animal shelters, animal control facilities, feed stores, retail services, animal exhibitors (such as zoos), agricultural producers (farms, ranches, dairies, and so on), processors, market facilities, and agricultural support industries (agrichemical, feed mills, and so on). The team may also assess animal evacuation and shelter needs, stray animals, and animal carcass issues.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: <ol style="list-style-type: none"> 1. Photographs and records disaster site damage 2. Investigates locations where damage exists 3. Analyzes the significance of affected animal and agriculture infrastructures, crops, and animals 4. Estimates the extent of damages 5. Identifies potential cascading effects of animal and agricultural issues 6. Recommends initial priorities for response and recovery 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for this team, such as security, lodging, transportation, and meals, prior to deployment. 2. The team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable up to 14 days. 3. Requestor specifies specialty areas necessary, such as animal health professionals, agronomists, engineering specialists, logisticians, environmental experts, animal sheltering experts, communications specialists, and others

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Personal Protective Equipment	PPE is mission specific and may vary by work environment; it includes: <ol style="list-style-type: none"> 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks 	Not Applicable	Not Applicable	Not Applicable
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team	Transportation	1-Vehicle	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team	Communications	3 - Two-way portable radio 3 - Cell phone	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Minimum	3	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Support	2 - Animal and Agriculture Damage Assessment Team Member	Not Applicable	Not Applicable	Not Applicable
			NOTES: 1. Animal and Agriculture Damage Assessment Team Member is not a NIMS typed position. 2. Team members are multidisciplinary and can include animal health professionals, agronomists, engineering specialists, logisticians, environmental experts, animal sheltering experts, communications specialists, and others.			
Personnel	Per Team	Management and Oversight	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team	Assessment	1. Laptop computer(s) 2. Digital camera(s) 3. GPS capabilities 4. Office supplies 5. Measuring devices 6. Appropriate software 7. Cutting/trimming device(s) 8. Marking paint or other marking materials 9. Traffic control device (or safety signage) 10. Cleaning and disinfecting supplies 11. Other equipment and supplies as necessary, based on ordering specification	Not Applicable	Not Applicable	Not Applicable
			NOTES: 1. Appropriate software includes word processing, spreadsheet, Geographic Information Systems, and database management programs. 2. Measuring devices include tape measures (25' to 100') and measuring wheels. 3. Cleaning and disinfecting supplies are necessary when moving from one agricultural area to another. 4. Requestor provides Authority Having Jurisdiction (AHJ)-approved damage assessment forms for the team to complete.			

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL BEHAVIOR SPECIALIST

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Behavior Specialist: 1. Assesses behavioral status, identifies potentially dangerous behaviors, and makes behavioral recommendations for animals in one or more of the following competency areas during and after disasters: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Triage animals to determine behavioral status 3. Classifies animals by behavioral status to determine the appropriate type of Animal Care and Handling Specialist or other staff to assign to handle them 4. Identifies potentially dangerous behaviors that could put the animal, the handler, or other people or animals at risk 5. Designs and coordinates animal enrichment and socialization programs 6. Develops and implements treatment plans to address animal behavioral issues for stray, abandoned, unattended, or relinquished animals 7. Consults on appropriate post-disaster animal disposition	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. Animal training, animal behavior training, or equivalent training NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
EXPERIENCE	Knowledge, Skills, and Abilities: 1. Extensive knowledge of species-typical and captive behavior of the animal populations represented 2. General understanding of animal welfare principles and processes 3. Extensive knowledge of animal training, motivation, and behavior modification principles 4. Practical experience working with the animal populations represented Experience: Three years of experience in applied animal behavior or animal training	Not Applicable
	NOTES: Not Specified	
PHYSICAL/MEDICAL FITNESS	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission	Not Applicable
	NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	
CURRENCY	Routinely practices in a facility or field setting commensurate with the mission	Not Applicable
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Possesses one of the following certifications, or an equivalent: 1. Academy of Veterinary Behavior Technicians (AVBT) certification 2. American College of Veterinary Behaviorists (ACVB)-recognized certification 3. Animal Behavior Society: Associate Certified Applied Animal Behaviorist (ACAAB) 4. Animal Behavior Society: Certified Applied Animal Behaviorist (CAAB) 5. Certification Council for Professional Dog Trainers (CCPDT) certification 6. International Association of Animal Behavior Consultants (IAABC) certification	Not Applicable
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. () Can be ordered in conjunction with a NIMS typed team
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. The position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. American College of Veterinary Behaviorists (ACVB), Board-Certified Veterinary Behaviorist
2. Animal Behavior Society, Certification Requirements and Application
3. Certification Council for Professional Dog Trainers (CCPDT), Dog Trainer Certification
4. CCPDT, Behavior Consultant Certification
5. FEMA, NIMS Guideline for the National Qualification System, November 2017
6. International Association of Animal Behavior Consultants (IAABC)

NOTES

Nationally typed resources represent the minimum criteria for the associated category.

ANIMAL CARE AND HANDLING SPECIALIST

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: The Animal Care and Handling Specialist is capable of safe and humane handling of fractious, dangerous, or difficult-to-handle animals. These animals typically exhibit body language and behaviors consistent with fear, extreme submission, aggression, or attack directed at people or other animals. These animals may attempt to escape or resist capture or handling. In addition, uncastrated male livestock (including stallions, bulls, rams, and boars) may present a much-elevated level of handling hazard. Certain species of animals, such as non-human primates, big cats, and bears, are inherently dangerous and require specialized handling skills.	The Animal Care and Handling Specialist 1. Provides safe and humane handling and restraint of animals, and documents each animal's identification to facilitate tracking and reunification with owners in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Assesses basic animal behavior 3. Provides daily animal care and containment 4. Ensures appropriate animal sanitation and biosecurity protocols are upheld 5. Contributes to animal census
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2, PLUS: Has a minimum of one year of regular, ongoing experience, with demonstrated ability to work with fractious, dangerous, or difficult-to-handle animals; required skills include: 1. Behavioral assessment 2. Capture and containment 3. Basic daily care 4. Restraint for procedures 5. Safe and humane handling NOTES: Specific relevant experience could include current and prior demonstrated competency as an Animal Control/Humane Officer, Veterinary Assistant, laboratory animal technician, zookeeper, or handler of dangerous animals at a livestock breeding facility.	Routinely demonstrates the ability to work with non-fractious animals; required skills include: 1. Behavioral assessment 2. Capture and containment 3. Basic daily care 4. Restraint for procedures 5. Safe and humane handling

TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by working environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks	
CURRENCY	Routinely performs animal care and handling duties with fractious, dangerous, or difficult-to-handle animals in a congregate animal housing facility related to the species listed; or service commensurate with the mission	Routinely performs animal care and handling duties in a congregate animal housing facility related to the species listed; or service commensurate with the mission
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (such as an Animal Evacuation, Transport, and Re-Entry Team or an Animal Sheltering Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population handled
7. For a Type 1 team, requestor specifies advanced specialty skill set(s) necessary

REFERENCES

1. FEMA, NIMS 508: Animal Transport Team – Companion Animal
2. FEMA, NIMS 508: Animal Transport Team – Livestock
3. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
4. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
5. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
6. FEMA, NIMS 508: Animal Evacuation and Re-entry Team
7. FEMA, NIMS 508: Animal Search and Rescue Team
8. FEMA, NIMS 509: Animal Control/Humane Officer
9. FEMA, NIMS 509: Veterinary Assistant
10. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL CONTROL/HUMANE OFFICER

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Control/Humane Officer: 1. Maintains public safety by enforcing animal-related laws and providing safe and humane capture and containment of animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Provides case management of animals involved in human bite cases 3. Provides safe and humane capture and containment of stray, abandoned, unattended, diseased, or injured animals 4. Assists with emergency euthanasia, as the Authority Having Jurisdiction (AHJ) authorizes 5. Ensures safety precautions for the public and animals when working in potentially dangerous situations with unfamiliar and unpredictable animals	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of the following: 1. IS-100: Introduction to the Incident Command System 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. National Animal Care & Control Association (NACA) certification training or equivalent formal training NOTES: Not Specified	Not Applicable
EXPERIENCE	Two years of experience as an animal control officer, commensurate with the mission NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable
CURRENCY	Routinely provides animal control services commensurate with the mission NOTES: Not Specified	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	NACA certification or equivalent animal control certification NOTES: Not Specified	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team (Animal Search and Rescue Team)
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve
7. Requestor specifies specialty skills or certifications necessary, such as euthanasia or chemical capture
8. Requestor specifies whether Animal Control/Humane Officer should bring animal control vehicle and specialized equipment

REFERENCES

1. FEMA, NIMS 508: Animal Search and Rescue Team
2. FEMA, NIMS Guideline for the National Qualification System, November 2017
3. National Animal Care & Control Association (NACA) Guidelines

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL DECONTAMINATION SPECIALIST

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: 1. Handles and decontaminates animals for animal decontamination operations in nuclear or radiological incidents, including: 2. Removing radiological contaminants in a nuclear/radiological incident response	The Animal Decontamination Specialist: 1. Provides a range of decontamination operations for animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Is a certified NIMS typed Animal Care and Handling Specialist, Animal Control/Humane Officer, Veterinarian, or Veterinary Assistant 3. Handles and decontaminates animals for animal decontamination operations other than nuclear or radiological; tasks include: a. Removing blood, urine, and feces from working dogs, working horses, or service animals b. Removing riot control agents, such as pepper spray, from working dogs, working horses, or service animals c. Removing contaminants associated with floodwater—such as debris, industrial chemicals, petroleum products, and biological pathogens—from animals after a disaster d. Cleaning oiled birds, mammals, and other wildlife e. Cleaning search-and-rescue cadaver dogs working in a contaminated environment f. Removing chemical contaminants in a chemical incident response g. Removing biotoxins in a biotoxin incident response
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2, PLUS: 1. Training in accordance with the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1200: Hazard Communication Standard 2. Authority Having Jurisdiction (AHJ)-provided training in radiological responses and equipment use NOTES: Not Specified	Completion of the following: 1. Training for a NIMS typed Animal Care and Handling Specialist, Animal Control/Humane Officer, Veterinarian, or Veterinary Assistant 2. Training in accordance with the OSHA 29 CFR Part 1910.120: Hazardous Materials Awareness 3. AHJ-provided animal decontamination training
EXPERIENCE	Same as Type 2, PLUS: Participation in an animal radiological decontamination exercise NOTES: Not Specified	Participation in an animal decontamination exercise

TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by working environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	
CURRENCY	Same as Type 2	Participates in an animal decontamination exercise at least once every two years
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Companion Animal Decontamination Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor can order this resource to augment the human decontamination lines of hazardous materials teams
7. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Companion Animal Decontamination Team
2. FEMA, NIMS 509: Animal Care and Handling Specialist
3. FEMA, NIMS 509: Animal Control/Humane Officer
4. FEMA, NIMS 509: Veterinarian
5. FEMA, NIMS 509: Veterinary Assistant
6. FEMA, NIMS Guideline for the National Qualification System, November 2017
7. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Materials Awareness, latest edition adopted
8. OSHA 29 CFR Part 1910.1200: Hazard Communication Standard, latest edition adopted

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL DEPOPULATION SPECIALIST

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Depopulation Specialist: 1. Depopulates animals when necessary because of public health and welfare concerns, disease exposure, threat, or infection 2. Has knowledge and expertise in one or more specialty areas of depopulation as outlined in the American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals, and has knowledge, expertise, and experience in depopulating animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 3. Reviews the availability of animal handling facilities and evaluates their efficiency and safety (for animals and people) 4. Assesses the number, size, and weight of animals for depopulation 5. Assesses the staffing levels necessary for effective depopulation 6. Safely depopulates animals as trained, as expediently and humanely as possible 7. Ensures effective depopulation methodology for the species 8. Prepares animals for disposal	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 5. Authority Having Jurisdiction (AHJ)-approved training in the use of approved methods of euthanasia for different species NOTES: Not Specified	Not Applicable
EXPERIENCE	Demonstrates to appropriate AHJ representative a skill set relevant to depopulation methodology, or has experience working on an Animal Depopulation Team NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable
CURRENCY	Routinely trains with equipment and species commensurate with the mission NOTES: Not Specified	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified NOTES: Not Specified	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Animal Depopulation Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor discusses animal handling supplies and equipment necessary for specific species
7. Requestor specifies competency areas necessary based on the animal population the position will manage

REFERENCES

1. FEMA, NIMS 508: Animal Depopulation Team
2. FEMA, NIMS Guideline for the NQS, November 2017
3. American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals, 2013
4. United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS), Highly Pathogenic Avian Influenza (HPAI), Depopulation and Disposal for Birds in Your HPAI-Infected Flock, APHIS 91-85-010, January 2016

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Depopulation refers to the destruction of large numbers of animals in response to a public health or animal health emergency. Though animal welfare receives as much consideration as is practical, depopulation is sometimes necessary because of extenuating circumstances (Reference: APHIS 91-85-010, issued January 2016). Depopulation methods vary according to AHJ regulations. According to AVMA Guidelines for the Euthanasia of Animals, 2013, "Selection of the most appropriate method of euthanasia in any given situation depends on the species and number of animals involved, available means of animal restraint, skill of personnel, and other considerations."

ANIMAL DEPOPULATION TEAM

DESCRIPTION	The Animal Depopulation Team depopulates animals when necessary because of public health and welfare concerns, disease exposure, disease threat, or infection. This team may depopulate herds and flocks either in open areas or in confined spaces, using specialized equipment and protocols for the affected species.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Coordinates with Veterinary Medical Team, Companion Animal Decontamination Team, and disposal personnel as necessary 2. Has competency in one or more depopulation methods outlined in the American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals 3. Works at existing facilities, such as poultry barns, sale barns, hospitals, and shelters, as well as in the field 4. Performs its duties for one or more of the following populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife, captive wildlife, or zoo animals d. Laboratory animals	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor specifies type of species, number of existing animals, conditions under which team will operate, desired depopulation method, disease or welfare condition, complicating factors, and Personal Protective Equipment (PPE) requirements 4. Individuals responding with this team possess the knowledge and skills to perform depopulation activities humanely 5. Requestor specifies whether competency with particular animal populations is necessary 6. Discuss preparation supplies—such as water, foam, or carbon dioxide—as well as animal handling supplies and equipment necessary for species the team will manage 7. Requestor orders additional specialists separately, as necessary, such as Veterinarians, Veterinary Assistants, and Animal Care and Handling Specialists 8. Requestor orders separate resources to provide decontamination of personnel and equipment, if necessary 9. This team does not handle animal remains; requestor plans for disposal of animal remains separately in accordance with all applicable laws and regulations

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team Member	Communications	1. Two-way portable radio 2. Cell phone	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Personal Protective Equipment	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks	Not Applicable	Not Applicable	Not Applicable
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team	General	1. Team transport vehicles (2) 2. Flashlights	Not Applicable	Not Applicable	Not Applicable
			NOTES: Requestor orders additional trailer or vehicles, such as box trucks, if necessary, depending on species, conditions, presence or absence of disease, and handling requirements.			
Equipment	Per Team	Technical	Equipment needs vary based on the conditions and species involved, and include: 1. Poultry foaming equipment 2. Poultry carbon dioxide equipment 3. Livestock captive bolt 4. Small animal injection materials	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Minimum	6	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Support	5 - NIMS Type 1 Animal Depopulation Specialist	Not Applicable	Not Applicable	Not Applicable
			NOTES: Requestor orders additional Animal Care and Handling Specialists and Animal Control/Humane Officers as necessary.			

REFERENCES

1. FEMA, NIMS 508: Companion Animal Decontamination Team
2. FEMA, NIMS 508: Veterinary Team
3. FEMA, NIMS 509: Animal Care & Handling Specialist
4. FEMA, NIMS 509: Animal Control / Humane Officer
5. FEMA, NIMS 509: Animal Depopulation Specialist
6. FEMA, NIMS 509: Animal Emergency Response Team Leader
7. FEMA, NIMS 509: Veterinarian
8. FEMA, NIMS 509: Veterinary Assistant
9. American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals, 2013
10. United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS), Highly Pathogenic Avian Influenza (HPAI), Depopulation and Disposal for Birds in Your HPAI-Infected Flock, APHIS 91-85-010, January 2016
11. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
12. National Wildfire Coordinating Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Depopulation refers to the destruction of large numbers of animals in response to a public health or animal health emergency. Though animal welfare receives as much consideration as is practical, depopulation is sometimes necessary because of extenuating circumstances (Reference: APHIS 91-85-010, issued January 2016). Depopulation methods vary according to Authority Having Jurisdiction (AHJ) regulations. According to AVMA Guidelines for the Euthanasia of Animals, 2013, "Selection of the most appropriate method of euthanasia in any given situation depends on the species and number of animals involved, available means of animal restraint, skill of personnel, and other considerations."

ANIMAL EMERGENCY RESPONSE SHELTER MANAGER

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: 1. Oversees setup, operations, and demobilization of a complex temporary animal shelter on a site without existing facilities 2. Determines site suitability for a temporary animal shelter, based on animal populations and species needing shelter 3. Designs a temporary animal shelter, including ventilation, electricity, water, exercise areas, and other facilities 4. Establishes a supply line for a temporary animal shelter 5. Equips and organizes a temporary animal shelter 6. Plans security for a temporary animal shelter 7. Plans for and sets up isolation, quarantine, and decontamination facilities, as necessary	The Animal Emergency Response Shelter Manager: 1. Provides leadership, supervision, and administrative support for the operation and demobilization of a temporary animal shelter in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Oversees setup, operations, and demobilization of a temporary animal shelter 3. Organizes and supervises all onsite staff and volunteers; delegate tasks, communicates instructions, enforces policies, and sets priorities 4. Manages information and facilitates communications to, from, and within the team 5. Ensures compliance with animal sheltering and animal welfare standards 6. Ensures facility and equipment maintenance, safety and biosecurity protocols, sanitation procedures, and general upkeep 7. Helps identify and allocate resources to support the shelter
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2 NOTES: Not Specified	1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-300: Intermediate Incident Command System for Expanding Incidents 4. IS-700: National Incident Management System, An Introduction 5. IS-800: National Response Framework, An Introduction

TYPE	TYPE 1	TYPE 2
EXPERIENCE	Same as Type 2, PLUS: Knowledge, Skills, and Abilities: 1. Knowledge of facility/site acquisition or identification 2. Knowledge of facility/site planning 3. Knowledge of facility renovation management Experience: Demonstrated experience in performing tasks required to set up a temporary animal shelter, including designing a shelter/facility layout and establishing organizational systems and workflow to ensure effective and efficient facility operations	Knowledge, Skills, and Abilities: Knowledge of facility management and maintenance Experience: Two years of experience managing an animal shelter or equivalent facility
NOTES: Not Specified		
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.		
CURRENCY	Functions in this position during an operational incident, exercise, drill, or simulation at least once every three years	Functions in this position during an operational incident, exercise, drill, or simulation at least once every five years
NOTES: Not Specified		
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
NOTES: Not Specified		

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Animal Sheltering Team Animal Only Shelter, Animal Sheltering Team Cohabitated Shelter)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve
7. Requestor orders a Type 1 or Type 2 Animal Emergency Response Shelter Manager based on numerous factors, including:
 - a. Availability of established or identified buildings, utilities, ventilation, and supply lines
 - b. Availability of animal exercise areas
 - c. Environmental conditions
 - d. Feasibility of species colocation
 - e. Number of animals needing shelter

REFERENCES

1. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
2. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
4. FEMA, NIMS Guideline for the National Qualification System, November 2017
5. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014
6. Association of Shelter Veterinarians (ASV) Guidelines for Standards of Care in Animal Shelters, 2010

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL EMERGENCY RESPONSE TEAM LEADER

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Animal Emergency Response Team Leader: 1. Leads and coordinates an Animal Emergency Response Team within the incident command structure, working in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Serves as the team leader 3. Manages team members 4. Manages operational missions assigned to the team 5. Helps identify, procure, and allocate resources to support animal emergency response missions 6. Facilitates communications to, from, and within the team 7. Coordinates team activities within the incident command structure 8. Ensures team safety 9. Ensures compliance with animal welfare standards	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not specified NOTES: Not Specified	Not Applicable
TRAINING	1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. ICS-300: Intermediate Incident Command System for Expanding Incidents 4. IS-700: National Incident Management System, An Introduction 5. IS-800: National Response Framework, An Introduction NOTES: Not Specified	Not Applicable
EXPERIENCE	1. Three years of experience as a supervisor or team leader in an animal care setting 2. Leadership experience in an animal emergency response incident or an operations-based exercise NOTES: Not Specified	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable
CURRENCY	Functions in this position during an operational incident, exercise, drill, or simulation at least once every five years NOTES: Not Specified	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified NOTES: Not Specified	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (such as an Animal Evacuation, Transport, and Re-entry Team or an Animal Sheltering Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Animal Evacuation, Transport, and Re-entry Team
2. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
4. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
5. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL EVACUATION, TRANSPORT, AND RE-ENTRY TEAM

DESCRIPTION	The Animal Evacuation, Transport, and Re-entry Team evacuates animals from disaster areas to non-impacted areas by receiving animals from search-and-rescue teams, animal control personnel, shelters, or members of the community. This team coordinates the animals' return to the community, as appropriate. This team also transports animals from one location to another, as appropriate, to meet disaster response needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	<p>This team:</p> <ol style="list-style-type: none"> 1. Coordinates with Animal Search and Rescue, Sheltering, and Veterinary Medical Teams, as necessary 2. Manages evacuation planning, activities, and transport 3. Identifies and documents animals 4. Initiates and continues animal tracking 5. Loads and unloads animals 6. Monitors animals throughout the evacuation, transport, and re-entry process 7. Transports or coordinates transport of evacuated animals to and from impacted areas 8. Reunifies or facilitates reunification of animals with their owners 9. Performs the above duties for one or more of the following populations: <ol style="list-style-type: none"> a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife, captive wildlife, or zoo animals d. Laboratory animals 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Required personnel, supplies, and equipment depend on the operating environment (hot, warm, or cold), potential hazards, and type of mission (evacuation, re-entry, or both); requestor specifies additional training, certification, or experience required to operate in hazardous environments, if appropriate 4. Requestor specifies required competency with particular animal populations and tracking software/systems, as well as other evacuation, transport, and re-entry requirements 5. Requestor orders a Veterinarian or Veterinary Assistant to support team activities, if necessary 6. Discuss provision/acquisition of necessary animal identification and tracking supplies and equipment, such as GPS, microchips, universal microchip scanners, barcode systems and readers, ID supplies (tab band collars, livestock tags, or other ID suitable for species), intake forms, and request-for-rescue forms 7. Discuss provision of animal transport vehicles appropriate for the species transported, as well as the need for authorized drivers 8. Discuss the need for species-specific animal handling supplies and equipment 9. Requestor orders additional Animal Care and Handling Specialists or Animal Intake and Reunification Specialists as necessary, based on the incident

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Specified	Not Specified
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks
Equipment	Per Team	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radios as necessary for team communication 2. One cell phone per team member 3. One GPS per vehicle
Personnel	Per Team	Minimum	12	9	4	2
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Support	Same as Type 2, PLUS: 2 - NIMS Type 2 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 2 - NIMS Type 2 Animal Care and Handling Specialist 2 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 4, PLUS: 2 - NIMS Type 2 Animal Care and Handling Specialist	2 - NIMS Type 2 Animal Care and Handling Specialist
Capacity	Per Team	Transport	50 or more animals	31 to 49 animals	11 to 30 animals	1 to 10 animals
			NOTES: Capacity varies based on species transported.			
Equipment	Per Team	Transport	Same as Type 2	Same as Type 3	Same as Type 4	Capture and containment equipment suitable for species transported
			NOTES: Not Specified			
Transportation	Per Team	Transport	Same as Type 2	Same as Type 3	Same as Type 4	1. Number, type, and animal capacity of transport vehicles determined based on mission and species evacuated 2. Passenger vehicles, as appropriate for team mission
			NOTES: Not Specified			

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. FEMA, NIMS 509: Animal Care and Handling Specialist
3. FEMA, NIMS 509: Animal Intake and Reunification Specialist
4. FEMA, NIMS 509: Veterinarian
5. FEMA, NIMS 509: Veterinary Assistant
6. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
7. Animal Welfare Act and associated regulations, latest editions adopted
8. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Evacuation and Transportation Best Practices, June 2012
9. NASAAEP Species Evacuation and Transport Guide, September 2014

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Animal transport has inherent risks, particularly risks related to ventilation and temperature. Personnel must ensure safe and humane transport of animals, mitigating risks of animal injury or death in transit. Use special care in transporting very young, old, sick, or otherwise compromised animals. Regularly monitor the animals during transit.
3. See National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Evacuation and Transportation Best Practices for additional transportation guidelines.

ANIMAL INTAKE AND REUNIFICATION SPECIALIST

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: 1. Coordinates, oversees, and manages large and complex animal intake, identification, tracking, and reunification operations 2. Designs and implements intake, identification, tracking, and reunification protocols 3. Develops and maintains animal lost and found registry 4. Develops and implements just-in-time training on animal intake, identification, tracking, and reunification protocols	The Animal Intake and Reunification Specialist: 1. Is an administrative position that supports various animal emergency response teams in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Identifies and documents animals 3. Tracks animal movements 4. Reunifies animals with owners or owner agents 5. Follows protocols for intake, identification, tracking, and reunification 6. Validates and reconciles animal inventory/census 7. Maintains animal lost and found registry 8. Reports validated animal counts and activities 9. Provides just-in-time training on animal intake, identification, tracking, and reunification protocols
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: 1. IS-100: Introduction to the Incident Command System 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2, PLUS: 1. Ability to design and implement animal tracking systems 2. Ability to design and implement animal intake, identification, and reunification protocols 3. Ability to develop just-in-time training NOTES: Not Specified	1. Working knowledge of animal species identification, animal breeds, and animal description (gender, color, size, and markings) 2. Ability to use animal management software 3. Ability to use social media to support animal lost and found registry



TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks	
CURRENCY	Routinely performs Type 1-level duties for the species listed, in conjunction with an animal control facility, animal shelter, veterinary hospital, livestock market, zoological institution, research facility, animal response organization, or related organization	Routinely performs Type 2-level duties for the species listed, in conjunction with an animal control facility, animal shelter, veterinary hospital, livestock market, zoological institution, research facility, animal response organization, or related organization
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team (such as an Animal Sheltering Team or an Animal Evacuation, Transport, and Re-entry Team)
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
2. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
4. FEMA, NIMS 508: Animal Evacuation, Transport, and Re-entry Team
5. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SEARCH AND RESCUE TEAM

DESCRIPTION	The Animal Search and Rescue Team locates, stabilizes, extricates, and evacuates animals in a disaster environment		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: <ol style="list-style-type: none"> 1. Coordinates and collaborates with other animal emergency response teams, as necessary 2. Coordinates and plans animal search and rescue efforts 3. Locates, captures, and contains displaced animals within the disaster zone 4. Prepares animals for transport 5. Identifies animals, documents rescue location, and records other relevant data to facilitate reunification with owners 6. Coordinates live trapping and chemical capture as necessary 7. Triage rescued animals for appropriate transport methods to prevent disease and mitigate medical and behavioral issues 8. Performs the above duties for one or more of the following populations: <ol style="list-style-type: none"> a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife, captive wildlife, or zoo animals d. Laboratory animals 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Discuss provision/acquisition of necessary supplies and equipment, such as restraint/control and capture equipment 4. Requestor specifies competency areas necessary based on animal population 5. Requestor orders additional Animal Search and Rescue Technician(s), Animal Control/Humane Officer(s), or Animal Care and Handling Specialist(s) to increase team capacity based on incident 6. Requestor makes provisions for veterinary care based on mission requirements

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 4 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader who is also a certified NIMS Type 3 Animal Search and Rescue Technician	1 - NIMS Type 1 Animal Emergency Response Team Leader who is also a certified NIMS Type 3 Animal Search and Rescue Technician	Not Specified	Not Applicable
			NOTES: For Type 3 teams, any team member having completed ICS 300 may function as team leader, or the existing chain of command provides management and oversight at the requestor's discretion.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	1. Two-way portable radio 2. Cell phone	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Minimum	26	8	4	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Support	Same as Type 2, PLUS: 4 - NIMS Type 1 Animal Search and Rescue Technician 9 - NIMS Type 2 or Type 3 Animal Search and Rescue Technician 1 - NIMS Type 2 Veterinarian	7 - NIMS Type 2 Animal Search and Rescue Technician	1 - NIMS Type 3 Animal Search and Rescue Technician 3 - NIMS Type 2 Animal Care and Handling Specialist, NIMS Type 1 Animal Control/Humane Officer, or NIMS Type 3 Animal Search and Rescue Technician	Not Applicable
			NOTES: 1. A NIMS Type 2 Animal Care and Handling Specialist or NIMS Type 1 Animal Control/Humane Officer can replace a NIMS Type 3 Animal Search and Rescue Technician only on a Type 3 team. 2. Type 1 teams typically split into four subordinate teams.			
Capability	Per Team	Search and Rescue	Same as Type 2, PLUS: Can execute advanced rescue operations, such as high- and low-angle and swiftwater rescue	Same as Type 3, PLUS: Can perform water-based rescue and can use land- and water-based navigation technology to locate and geo-reference displaced animals	Land-based search and rescue only	Not Applicable
			NOTES: Not Specified			
Capacity	Per Team	Search and Rescue	Responds to multiple jurisdictions, with multiple geographic areas, and manages approximately 50 companion animals or 25 livestock per 12-hour shift; may provide overall management and coordination remotely	Responds to a single jurisdiction with multiple geographic areas (or a single large, complex site) and manages approximately 24 animals per 12-hour shift	Responds to a single jurisdiction, manages a single area, and manages approximately 12 animals per 12-hour shift	Not Applicable
			NOTES: Requestor may order additional single resources to augment team if necessary, based on number of animals.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Electronic	Same as Type 2, PLUS: Systems to input and transmit animal data to Animal Evacuation, Transport, and Re-Entry Team and Animal Sheltering Teams	Same as Type 3, PLUS: GPS	Digital cameras	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team	Animal Handling	Same as Type 2	Same as Type 3	Animal capture and handling equipment specific to the population served	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protection Equipment	Same as Type 2	Same as Type 3	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks 7. Protective headgear	Not Applicable
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			

REFERENCES

1. FEMA, NIMS 508: Animal Evacuation, Transport, and Re-entry Team
2. FEMA, NIMS 508: Animal Sheltering Team – Animal-Only Shelter
3. FEMA, NIMS 508: Animal Sheltering Team – Cohabitated Shelter
4. FEMA, NIMS 508: Animal Sheltering Team – Collocated Shelter
5. FEMA, NIMS 508: Veterinary Medical Team
6. FEMA, NIMS 509: Animal Care and Handling Specialist
7. FEMA, NIMS 509: Animal Control/Humane Officer
8. FEMA, NIMS 509: Animal Emergency Response Team Leader
9. FEMA, NIMS 509: Animal Search and Rescue Technician
10. FEMA, NIMS 509: Veterinarian
11. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
12. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Best Practices for Animal Search and Rescue Training, latest published edition

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SEARCH AND RESCUE TECHNICIAN

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: Performs safely in hazardous conditions involving animals exposed to a contaminated environment	Same as Type 3, PLUS: 1. Performs rescue in water-base situations 2. Performs technical rescue involving advanced animal rescue techniques and equipment, such as slack water and swiftwater rescue, high- and low-angle rescue, and use of slings and glides 3. Supports Urban Search and Rescue Team in compromised structure settings at an Operations Level
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Specified
TRAINING	Authority Having Jurisdiction (AHJ) ASAR Specialist Level training comparable to the National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Best Practices for ASAR Training: Specialist Level NOTES: Not Specified	AHJ ASAR Technician Level training comparable to the NASAAEP Best Practices for ASAR Training: Technician Level
EXPERIENCE	Same as Type 2 NOTES: Not Specified	Two years of experience in a disaster or emergency setting commensurate with the mission assignment
PHYSICAL/MEDICAL FITNESS	Same as Type 2 NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Same as Type 3
CURRENCY	Same as Type 2 NOTES: Not Specified	Same as Type 3, PLUS: Routinely responds to ASAR requests at local, regional, and national levels
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	AHJ-certified ASAR Specialist Level NOTES: Not Specified	AHJ-certified ASAR Technician Level

TYPE	TYPE 3	NO TYPE 4
DESCRIPTION	The ASAR Technician: 1. Locates, captures, contains, and evacuates animals in one or more of the following competency areas after a disaster: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Performs rescue, rapid evacuation, and recovery in land-based situations 3. Performs rescue involving lifting and moving animals and equipment 4. Administers animal first aid 5. Ensures safety for self, team members, and operations by providing: a. Basic first aid for self and team members b. Simple decontamination of self and team members c. Ground vehicles for operations and support 6. Operates in environments with and without infrastructure, including areas affected by disasters and terrorism, and areas with compromised access to roadways, utilities, transportation, shelter, food, and water	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Not Specified AHJ ASAR Operations Level training comparable to the NASAAEP Best Practices for ASAR Training: Operations Level NOTES: Not Specified	Not Applicable
EXPERIENCE	Not Specified NOTES: Not Specified	Not Applicable
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	Not Applicable



TYPE	TYPE 3	NO TYPE 4
CURRENCY	1. Responds to ASAR requests at local level 2. Participates in annual ASAR training exercise	Not Applicable
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	AHJ-certified ASAR Operations Level	Not Applicable
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team (Animal Search and Rescue Team)
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve
7. Requestor specifies specialty areas (for example, fire, slack water, swiftwater) necessary based on incident requirements

REFERENCES

1. FEMA, NIMS 508: Animal Search and Rescue Team
2. FEMA, NIMS 508: Urban Search and Rescue Team
3. FEMA, NIMS Guideline for the NQS, November 2017
4. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Best Practices for Animal Search and Rescue Training, latest edition adopted
5. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SHELTERING TEAM - ANIMAL-ONLY SHELTER

DESCRIPTION	The Animal Sheltering Team - Animal-Only Shelter manages the oversight, setup, operations, communication, and demobilization of a temporary animal shelter. The team provides a safe and protected environment for displaced animal populations and meets their basic needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Establishes and manages a temporary shelter for the safe and humane handling, care/husbandry, and housing of one of the following animal populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species 2. Meets animals' basic welfare needs 3. Ensures proper animal identification, tracking, reunification, and reporting 4. Coordinates with incident command; coordinates all facets of the animal response and intersecting components of the human response 5. Maintains safety, biosecurity, and sanitation of the facility and equipment 6. Provides appropriate security	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor may order any combination of Veterinarian, Veterinary Assistant, and Veterinary Medical Team to support this team's activities, if necessary 4. Requestor may order a Shelter Facilities Support Team Leader to support shelter operations, if necessary 5. In an animal-only shelter, shelter staff provide full care of animals, which may be either stray (owner unknown) or temporarily away from their owners 6. Though owners may visit, they do not provide daily animal care 7. Average ordering ratio for Animal Care and Handling Specialists is one person to 15 animals; this ratio varies by species and shelter conditions 8. Requestor considers sheltering requirements for animals that are not medically or behaviorally suited for congregate sheltering 9. Requestor considers species-specific management needs

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader 1 - Administrative Support	Same as Type 3, PLUS: 1 - NIMS Type 1 Animal Emergency Response Team Leader	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Emergency Response Shelter Manager	1 - NIMS Type 1 Animal Emergency Response Team Leader
			NOTES: 1. Order one or more NIMS Type 1 Animal Emergency Response Shelter Manager if shelter planning, site selection, design, and setup are necessary to establish shelter. 2. Animal Emergency Response Team Leaders provide technical expertise for operations, planning, logistics, safety, finance, and administration of shelter operations. 3. Order additional Animal Emergency Response Team Leaders as appropriate based on scope and scale of shelter operations. 4. The Administrative Support position is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Gloves 5. Masks
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Personnel	Per Team	Minimum	43	26	11	9
			NOTES: Not Specified			
Personnel	Per Team	Support	Same as Type 2, PLUS: 13 - NIMS Type 2 Animal Care and Handling Specialist 2 - Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 13 - NIMS Type 2 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Intake and Reunification Specialist	2 - NIMS Type 1 Animal Care and Handling Specialist 5 - NIMS Type 2 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist
			NOTES: Order additional Animal Care and Handling Specialists and Animal Intake and Reunification Specialists as appropriate based on scope and scale of shelter operations; for example: 1. To help with animal intake as shelter opens 2. If operating hours exceed 12 hours per day 3. If number of animals in shelter exceeds 500			
Capacity	Per Team	Sheltering	Up to 500 animals	Up to 300 animals	Same as Type 4	Up to 100 animals
			NOTES: Not Specified			
Location	Per Team	Sheltering	Same as Type 2	Same as Type 3	A self-contained temporary shelter	Supplemental staff to support an established shelter
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Sheltering	Same as Type 2	Same as Type 3	Requestor provides or obtains shelter kit appropriate for animal population served; kit may include: <ol style="list-style-type: none"> 1. Cages, crates, and other containment equipment 2. Collars, leashes, halters, lead ropes, lariat ropes 3. Animal ID supplies, such as collar tags 4. Muzzles 5. Food 6. Potable water 7. Bowls 8. Litter boxes 9. Litter 10. Cleaning and disinfecting supplies 11. Microchips/scanners 12. Vaccines 13. Animal intake forms 	Not Specified
			NOTES: 1. Team procures consumable animal supplies (food, litter, etc.) continually while shelter remains in operation. 2. Requestor specifies additional necessary equipment, including laptops, digital cameras, universal microchip scanners, intake forms, identification collars, or others.			

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. FEMA, NIMS 509: Animal Emergency Response Shelter Manager
3. FEMA, NIMS 509: Animal Care and Handling Specialist
4. FEMA, NIMS 509: Animal Intake and Reunification Specialist
5. FEMA, NIMS 509: Veterinarian
6. FEMA, NIMS 509: Veterinary Assistant
7. FEMA, NIMS 508: Veterinary Medical Team
8. FEMA, NIMS 509: Shelter Facilities Support Team Leader
9. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
10. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SHELTERING TEAM - COHABITATED SHELTER

DESCRIPTION	The Animal Sheltering Team - Cohabitated Shelter manages the oversight, setup, operations, communication, and demobilization of a temporary animal shelter. The team provides a safe and protected environment for displaced animal populations and meets their basic needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Establishes and manages a temporary shelter for the safe and humane handling, care/husbandry, and housing of one of the following animal populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species 2. Meets animals' basic welfare needs 3. Ensures proper animal identification, tracking, reunification, and reporting 4. Coordinates with incident command; coordinates all facets of the animal response and intersecting components of the human response 5. Maintains safety, biosecurity, and sanitation of the facility and equipment 6. Provides appropriate security	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor may order any combination of Veterinarian, Veterinary Assistant, and Veterinary Medical Team to support this team's activities, if necessary 4. Requestor may order a Shelter Facilities Support Team Leader to support shelter operations, if necessary 5. Cohabitated shelters place animals and owners in the same space 6. Animal owners provide primary care for their own animals with their own supplies, which the sheltering entity may supplement if necessary and if available 7. Requestor considers sheltering requirements for animals that are not medically or behaviorally suited for congregate sheltering 8. Requestor considers species-specific management needs

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader 1 - Administrative Support	Same as Type 3, PLUS: 1 - NIMS Type 1 Animal Emergency Response Team Leader	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Emergency Response Shelter Manager	1 - NIMS Type 1 Animal Emergency Response Team Leader
			NOTES: 1. Order one or more NIMS Type 1 Animal Emergency Response Shelter Manager if shelter planning, site selection, design, and setup are necessary to establish shelter. 2. Animal Emergency Response Team Leaders provide technical expertise for operations, planning, logistics, safety, finance, and administration of shelter operations. 3. Order additional Animal Emergency Response Team Leaders as appropriate based on scope and scale of shelter operations. 4. The Administrative Support position is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Gloves 5. Mask
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
			NOTES: Not Specified			
Personnel	Per Team	Minimum	10	7	5	4
			NOTES: Not Specified			
Capacity	Per Team	Sheltering	Up to 500 animals	Up to 300 animals	Same as Type 4	Up to 100 animals
			NOTES: Not Specified			
Location	Per Team	Sheltering	Same as Type 2	Same as Type 3	A self-contained temporary shelter	Supplemental staff to support an established shelter
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Sheltering	Same as Type 2	Same as Type 3	Requestor provides or obtains shelter kit appropriate for animal population served; kit may include: <ol style="list-style-type: none"> 1. Cages, crates, and other containment equipment 2. Collars, leashes, halters, lead ropes, lariat ropes 3. Animal ID supplies, such as collar tags 4. Muzzles 5. Food 6. Potable water 7. Bowls 8. Litter boxes 9. Litter 10. Cleaning and disinfecting supplies 11. Microchips/scanners 12. Vaccines 13. Animal intake forms 	Not Specified
Support	Per Team	Sheltering	Sheltering Same as Type 2, PLUS: 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 1 - NIMS Type 2 Animal Intake and Reunification Specialist	Same as Type 4	2 - NIMS Type 1 Animal Care and Handling Specialist 1 - NIMS Type 2 Animal Intake and Reunification Specialist

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Animal Emergency Response Shelter Manager
3. FEMA, NIMS 509: Animal Emergency Response Team Leader
4. FEMA, NIMS 509: Animal Care and Handling Specialist
5. FEMA, NIMS 509: Animal Intake and Reunification Specialist
6. FEMA, NIMS 509: Shelter Facilities Support Team Leader
7. FEMA, NIMS 509: Veterinarian
8. FEMA, NIMS 509: Veterinary Assistant
9. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
10. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

ANIMAL SHELTERING TEAM - COLLOCATED SHELTER

DESCRIPTION	The Animal Sheltering Team - Collocated Shelter manages the oversight, setup, operations, communication, and demobilization of a temporary animal shelter. The team provides a safe and protected environment for displaced animal populations and meets their basic needs.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	This team: 1. Establishes and manages a temporary shelter for the safe and humane handling, care/husbandry, and housing of one of the following animal populations: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species 2. Meets animals' basic welfare needs 3. Ensures proper animal identification, tracking, reunification, and reporting 4. Coordinates with incident command; coordinates all facets of the animal response and intersecting components of the human response 5. Maintains safety, biosecurity, and sanitation of the facility and equipment 6. Provides appropriate security	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor may order any combination of Veterinarian, Veterinary Assistant, and Veterinary Medical Team to support this team's activities, if necessary 4. Requestor may order a Shelter Facilities Support Team Leader to support shelter operations, if necessary 5. Collocated shelters place animals within local commuting distance of their owners 6. Animal owners provide basic daily care for their animals in the collocated shelter 7. Requestor considers sheltering requirements for animals that are not medically or behaviorally suited for congregate sheltering 8. Requestor considers species-specific management needs

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader 1 - Administrative Support	Same as Type 3, PLUS: 1 - NIMS Type 1 Animal Emergency Response Team Leader	Same as Type 4, PLUS: 1 - NIMS Type 2 Animal Emergency Response Shelter Manager	1 - NIMS Type 1 Animal Emergency Response Team Leader
			NOTES: 1. Order one or more NIMS Type 1 Animal Emergency Response Shelter Manager if shelter planning, site selection, design, and setup are necessary to establish shelter. 2. Animal Emergency Response Team Leaders provide technical expertise for operations, planning, logistics, safety, finance, and administration of shelter operations. 3. Order additional Animal Emergency Response Team Leaders as appropriate based on scope and scale of shelter operations. 4. The Administrative Support position is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Gloves 5. Masks
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Personnel	Per Team	Minimum	15	11	8	7
			NOTES: Not Specified			
Personnel	Per Team	Support	Same as Type 2, PLUS: 1 - NIMS Type 2 Animal Care and Handling Specialist 1 - Animal Intake and Reunification Specialist	Same as Type 3, PLUS: 1 - NIMS Type 2 Animal Care and Handling Specialist 1 - Animal Intake and Reunification Specialist	Same as Type 4	2 - NIMS Type 1 Animal Care and Handling Specialist 3 - NIMS Type 2 Animal Care and Handling Specialist 1 - Animal Intake and Reunification Specialist
			NOTES: Order additional Animal Care and Handling Specialists and Animal Intake and Reunification Specialists as appropriate based on scope and scale of shelter operations; for example: 1. To help with animal intake as shelter opens 2. If operating hours exceed 12 hours per day 3. If number of animals in shelter exceeds 500 4. If shelter includes both animals that owners care for and animals that are unattended			
Capacity	Per Team	Sheltering	Up to 500 animals	Up to 300 animals	Same as Type 4	Up to 100 animals
			NOTES: Not Specified			
Location	Per Team	Sheltering	Same as Type 2	Same as Type 3	A self-contained temporary shelter	Supplemental staff to support an established shelter
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Sheltering	Same as Type 2	Same as Type 3	Requestor provides or obtains shelter kit appropriate for animal population served; kit may include: <ol style="list-style-type: none"> 1. Cages, crates, and other containment equipment 2. Collars, leashes, halters, lead ropes, lariat ropes 3. Animal ID supplies, such as collar tags 4. Muzzles 5. Food 6. Potable water 7. Bowls 8. Litter boxes 9. Litter 10. Cleaning and disinfecting supplies 11. Microchips/scanners 12. Vaccines 13. Animal intake forms 	Not Specified
NOTES: 1. Team procures consumable animal supplies (food, litter, and so on) continually while shelter remains in operation. 2. Requestor specifies additional necessary equipment, including laptop computers, digital cameras, universal microchip scanners, intake forms, or identification collars.						

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Animal Emergency Response Shelter Manager
3. FEMA, NIMS 509: Animal Emergency Response Team Leader
4. FEMA, NIMS 509: Animal Care and Handling Specialist
5. FEMA, NIMS 509: Animal Intake and Reunification Specialist
6. FEMA, NIMS 509: Shelter Facilities Support Team Leader
7. FEMA, NIMS 509: Veterinarian
8. FEMA, NIMS 509: Veterinary Assistant
9. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
10. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Emergency Animal Sheltering Best Practices, September 2014

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

COMPANION ANIMAL DECONTAMINATION TEAM

DESCRIPTION	A Companion Animal Decontamination Team provides companion animal intake, radiological assessment (if applicable), decontamination, and re-monitoring (if applicable)—followed by release to owners if animals are adequately clean or transfer to a longer-term holding facility if animals are persistently contaminated. For purposes of this document only, companion animals include pets, assistance animals, and service animals.		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	<p>This team manages the decontamination of companion animals after incidents involving hazardous materials, including debris, floodwaters, and radiological contamination. Specifically, this team:</p> <ol style="list-style-type: none"> 1. Sets up all equipment at a designated “warm zone” site 2. Accepts animals from their owners or caretakers for rapid triage (behavioral and health), identification, and initial monitoring; Note: In some radiological incidents, this team may ask owners to participate actively in decontaminating their animals, per incident policies; Owner participation is less likely in non-radiological incidents 3. Transfers severely injured or ill animals to veterinary medical personnel for stabilization prior to decontamination, if resources permit, according to incident policies 4. Decontaminates animals using techniques appropriate for contaminant, species, breed, environmental conditions, and available resources 5. Monitors and re-monitors animals after decontamination in radiological incidents 6. Releases adequately decontaminated animals to their owners, or transfers animals to emergency animal shelters if owners are not available to claim animals 7. Performs repeat decontamination on persistently contaminated animals, or transfers such animals to a designated holding area 8. Disposes of wastewater and other waste in accordance with incident policies 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift under ideal environmental conditions; challenging environments (heat, cold, and precipitation) could reduce the team's ability to safely work continuously for a full shift 3. This team is self-sustainable for 24 hours and is deployable for up to 14 days 4. Requestor specifies desired capabilities for a single line of animal decontamination operations for a specific period 5. This team may require supporting utilities, including water, power, and sewer/wastewater disposal. For large-scale incidents, this team may require additional supplies, including Personal Protective Equipment (PPE), disposable leashes, Tyvek pet collars, surfactant, drying towels, and other supplies. Requestor should discuss expected numbers of animals for decontamination and team supply needs before placing order 6. Particularly in radiological incidents, requestor should discuss whether this team will establish a second or even third decontamination line in which owners can bathe and dry their own animals, with monitoring, coaching, and supervision. Requestor may need to order additional single resources to support this option. Consider local jurisdictional policies and liability in decisions about owners decontaminating their own animals 7. Discuss whether the incident requires 24-hour operations and whether very large numbers of animals will need monitoring or decontamination, and order teams accordingly 8. Discuss any additional just-in-time training necessary to comply with incident policy

RESOURCE TYPES						
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2, PLUS: 1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader (deputy)	Same as Type 3	1 - NIMS Type 1 Animal Emergency Response Team Leader	Not Specified
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3, PLUS: 1. Individual dosimeters for every team member 2. N-100 or better respirator	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks	Not Specified
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team Member	Communication	Same as Type 2	Same as Type 3	Cell phone	Not Specified
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Decontamination	Same as Type 2, PLUS: 1. One additional set of decontamination pools and tables 2. Two additional radiation monitoring devices (dosimeters)	1. 500-gallon water tank 2. Water heater capable of supporting two lines of decontamination 3. Water hoses and sprayers 4. Shallow decontamination pools (2) 5. Elevated animal handling tables for use inside pools (2) 6. Drain hoses or sump pumps 7. Tents (3-4) for intake area, animal holding area, and responder recovery area 8. Powered air purifying respirators or filter respirators 9. Personal dosimeter for each team member 10. Handheld radiation monitors (minimum 2) 11. Power cords and surge protectors 12. Veterinary diagnostic equipment (stethoscope, light, thermometers, etc.) 13. Animal cages for dogs and cats 14. Generator and fuel capable of supporting operations for a minimum of 24 hours	1. 250-gallon water tank 2. Water heater capable of supporting a single line of decontamination 3. Water hoses and sprayers 4. Shallow decontamination pool 5. Elevated animal handling table for use inside pool 6. Drain hoses or sump pumps 7. Tents or canopies (2-3) for intake area, animal holding area, and responder recovery area 8. Animal cages for dogs and cats 9. Generator and fuel capable of supporting operations for a minimum of 24 hours	Not Specified
Personnel	Per Team	Minimum	45	15	8	Not Specified
			NOTES: Not Specified			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Support	Same as Type 2, PLUS: 1 - NIMS Type 2 Veterinarian 1 - NIMS Type 1 Veterinary Assistant 1 - NIMS Type 2 Veterinary Assistant 1 - NIMS Type 1 Animal Behaviorist 4 - NIMS Type 2 Animal Decontamination Specialist 20 - NIMS Type 2 Animal Care and Handling Specialist 1 - Logistics Specialist	Same as Type 3, PLUS: 1 - NIMS Type 2 Veterinarian 1 - NIMS Type 2 Veterinary Assistant 2 - NIMS Type 2 Animal Decontamination Specialist 2 - NIMS Type 2 Animal Care and Handling Specialist 1 - Logistics Specialist	1 - NIMS Type 1 Veterinary Assistant 1 - NIMS Type 1 Animal Care and Handling Specialist 5 - NIMS Type 2 Animal Care and Handling Specialist	Not Specified
			NOTES: 1. Add drivers based on the number of vehicles used for transport. Driver is not a NIMS typed position. 2. A driver may be one of the team members, depending on the vehicle and the team member's driving credentials. 3. Logistics Specialist is not a NIMS typed position.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Capacity	Per Team	Minimum	Radiological decontamination: 1. Team can sustain one line of animals moving from station to station, with different personnel at each station 2. Minimum capacity of an estimated 10-12 animals per hour per line, with periodic rotation of some personnel 3. Capacity depends on environmental temperature and conditions 4. Due to PPE, ergonomic, and environmental challenges, team should include three rotating shifts of personnel to sustain operations continuously for 12 hours 5. Team may be able to sustain a second or even a third line, including line(s) for owners who volunteer to decontaminate their own animals, depending on jurisdictional and incident policies 6. Total minimum capacity estimated at 144 animals per shift, per line	Radiological decontamination: 1. Minimum capacity of an estimated 5 animals per hour with periodic rotation of some personnel 2. Capacity depends on environmental temperatures and conditions 3. Team may be able to sustain a second line for owners who volunteer to decontaminate their own animals, depending on jurisdictional and incident policies 4. Total minimum capacity of up to 50 animals per shift, not including pets decontaminated by owners	Floodwater or debris decontamination: 1. Single line of decontamination with a capacity of approximately 4-6 animals per hour or 50 animals per day	Not Specified
NOTES: For radiological incidents, not every animal will need decontamination. Cited numbers emphasize animals that need decontamination and not those that the team simply returns to their owners.						



RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Transportation	Per Team	Support	Same as Type 2	Same as Type 3	1. Vehicles for transporting equipment and supplies, based on mission 2. Passenger vehicles, as appropriate for mission	Not Specified
			NOTES: Not Specified			

REFERENCES

1. FEMA, NIMS 509: Animal Emergency Response Team Leader
2. FEMA, NIMS 509: Veterinarian
3. FEMA, NIMS 509: Veterinary Assistant
4. FEMA, NIMS 509: Animal Behaviorist
5. FEMA, NIMS 509: Animal Decontamination Specialist
6. FEMA, NIMS 509: Animal Care and Handling Specialist
7. FEMA Radiological Emergency Preparedness (REP) Program Manual, FEMA P-1028, 2016
8. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
9. National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Decontamination Best Practices, 2012

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Companion animal decontamination teams are challenging to equip, train, and maintain. No two teams have identical equipment, but the above descriptions provide a common denominator for team development and deployment. Additional research in animal decontamination, particularly for radiological incidents, can help in identifying equipment and protocols to improve team throughput.
3. See National Alliance of State Animal and Agricultural Emergency Programs (NASAAEP) Animal Decontamination Best Practices for additional information.

SWIFTWATER/FLOOD SEARCH AND RESCUE TECHNICIAN - ANIMAL RESCUE SPECIALIST

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Swiftwater/Flood Search and Rescue (SAR) Technician - Animal Rescue Specialist: 1. Provides animal rescue and basic medical care to small animals 2. Performs search, rescue, and recovery in: a. Water environments including stillwater, stillwater/flood, swiftwater, swiftwater/flood b. Shore, water, and boat-based rescue c. Situations involving human and animal rescue 3. Provides medical care to include Basic Life Support (BLS) 4. Reports to a Swiftwater/Flood SAR Team Leader, if applicable 5. Operates within the Incident Command System (ICS), in a specialized position within the Swiftwater/Flood SAR Team 6. Provides: a. Safety of self and team members b. Medical care of self, team members, and subjects 7. Coordinates with ground vehicles, watercraft, and aircraft for support, transportation, and evacuation 8. Operates in environments with and without infrastructure, including those affected by disasters and terrorism; with compromised access to roadways, utilities, and transportation; and with limited availability of shelter, food, and water	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of all training for the National Incident Management System (NIMS) Type 1 Swiftwater/Flood SAR Technician, PLUS: 1. Animal rescue course consistent with discipline and deployment environment 2. Animal rescue behavior course consistent with discipline and deployment environment 3. Animal first aid NOTES: Identified equivalent trainings should meet or exceed course learning objectives.	Not Applicable
EXPERIENCE	Completion of Swiftwater/Flood SAR Technician - Animal Rescue Specialist Position Task Books (PTB), or equivalent Authority Having Jurisdiction (AHJ) documentation NOTES: The National Fire Protection Association (NFPA) 1006: Standard for Technical Rescuer Professional Qualifications, and NFPA 1670: Standard on Operations and Training for Technical Search and Rescue Incidents address additional Knowledge, Skills, and Abilities.	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Meets minimum physical fitness and swimming standards, in accordance with the AHJ's Job Related Physical Ability Test (JRPAT) 3. Maintains AHJ-determined physical fitness standards suitable for the environment and typing; NFPA 1582 Standard on Comprehensive Occupational Medical Program for Fire Departments meets or exceeds this physical fitness standard 4. Maintains immunizations in accordance with the U.S. Department of Health and Human Services Centers for Disease Control and Prevention recommended adult immunization schedule for the United States of America NOTES: Not Specified	Not Applicable
CURRENCY	1. Annual refresher of related SAR skills and abilities in water environments 2. Functions in this position during an operational incident, planned event, participation in exercise, drill, or simulation once every three years or as the AHJ determines 3. Background checks as applicable law permits or requires NOTES: Provider must carry out and use any background checks as applicable law specifies. This may include a background check completed within past 12 months; sex-offender registry check; and a local, state, and a local, state, and national criminal history.	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	AHJ-required BLS-level medical care certification or recertification NOTES: The AHJ determines the emergency medical certifications the technician needs to meet the minimum criteria, which can include first aid, cardiopulmonary resuscitation (CPR), and BLS.	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Swiftwater/Flood Search and Rescue Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days

REFERENCES

1. FEMA, NIMS 508: Swiftwater/Flood Search and Rescue Team
2. FEMA, NIMS 509: Swiftwater/Flood Search and Rescue Technician
3. FEMA, NIMS 509: Swiftwater/Flood Search and Rescue Team Leader
4. FEMA, NIMS 509: Emergency Medical Technician
5. ASTM International (ASTM) F2890: Standard Guide for Hazard Awareness for Search and Rescue Personnel, 2012
6. National Fire Protection Association (NFPA) 1006-2013: Standard for Technical Rescuer Professional Qualifications, 2013
7. NFPA 1582-2013: Standard on Comprehensive Occupational Medical Program for Fire Departments, 2013
8. NFPA 1670-2014: Standard on Operations and Training for Technical Search and Rescue Incidents, 2014
9. NFPA 1983-2012: Standard on Life Safety Rope and Equipment for Emergency Services, 2012
10. National Search and Rescue Committee, Catastrophic Incident Search and Rescue (CISAR) Addendum to the National Search and Rescue Supplement to the International Aeronautical and Maritime Search and Rescue Manual, v. 3, June 2012
11. National Wildfire Coordination Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016
12. Occupational Health and Safety Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Waste Operations and Emergency Response, latest edition adopted
13. OSHA 29 CFR Part 1910.134: Respiratory Protection, latest edition adopted
14. OSHA 29 CFR Part 1910.146: Permit-Required Confined Spaces, latest edition adopted

NOTES

Nationally typed resources represent the minimum criteria for the associated category.

VETERINARIAN

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: Is board certified in a specialty area of veterinary medicine, such as: <ol style="list-style-type: none"> 1. Anesthesia 2. Dentistry 3. Dermatology 4. Emergency and critical care 5. Internal medicine 6. Radiology 7. Surgery 8. Theriogenology 9. Toxicology 	The Type 2 Veterinarian is a general practitioner and: <ol style="list-style-type: none"> 1. Treats animals in one or more of the following competency areas: <ol style="list-style-type: none"> a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Investigates cases of animal disease 3. Triage ill or injured animals 4. Performs clinical examinations 5. Diagnoses animal diseases 6. Identifies abnormal conditions in animals 7. Recommends risk mitigation procedures for animal-to-animal and animal-to-human (zoonotic) disease transmission 8. Supervises animal disease control field operations 9. Monitors for the emergence and reemergence of diseases 10. Provides healthcare to animals 11. Advises on animal depopulation 12. Performs euthanasia 13. Oversees vaccination of animals 14. Advises on disease control and prevention 15. Monitors and recommends humane animal care standards 16. Supervises the Veterinary Assistant
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Same as Type 2, PLUS: Completion of post-graduate education in a specialty area NOTES: Not Specified	Doctor of Veterinary Medicine or equivalent degree
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: <ol style="list-style-type: none"> 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2, PLUS: Two years of experience in a specialty area NOTES: Not Specified	Two years of experience in a clinical setting commensurate with the mission



TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	
CURRENCY	Same as Type 2	Routinely provides direct patient care in the competency area specified
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Same as Type 2, PLUS: Board certification in a specialty area	State, District of Columbia, or U.S. tribal- or territory-granted active status of legal authority to function as a Veterinarian
	NOTES: For some responses, U.S. Department of Agriculture (USDA) accreditation may be necessary.	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team (Veterinary Medical Team)
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. For Type 1 and Type 2, requestor specifies competency areas necessary based on the animal population the position will serve
7. For Type 1, requestor specifies specialty areas necessary based on incident requirements

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Veterinary Assistant
3. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated category.

VETERINARY ASSISTANT

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: The Type 1 Veterinary Assistant has a Veterinary Technician or equivalent degree, certificate, or formal training and: 1.Helps administer anesthesia and diagnostic imaging under the supervision of a Veterinarian 2.Performs other duties commensurate with state board regulations for the position	The Type 2 Veterinary Assistant assists a Veterinarian; specifically, this position: 1. Performs veterinary support duties under the direct supervision of a Veterinarian and administers medical care to ill or injured animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Provides proper handling and restraint of animals 3. Provides basic medical care to animals 4. Maintains medical records 5. Performs laboratory tests 6. Assists with other veterinary support duties under the direct supervision of a Veterinarian
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Completion of a Veterinary Technician or equivalent degree, certificate, or formal training NOTES: Students in accredited Veterinary, Veterinary Technology, Veterinary Assistant, or equivalent programs may deploy as Type 2 Veterinary Assistants if they meet the training requirements below.	Not Applicable
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2 NOTES: Not Specified	Two years of experience in a practice setting commensurate with the mission

TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	
CURRENCY	Same as Type 2	Routinely provides direct patient care in the competency area specified
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	State, District of Columbia, or U.S. tribal- or territory-granted active status of legal authority to function as a Veterinary Technician or equivalent, if applicable	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Veterinary Medical Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Veterinarian
3. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

VETERINARY MEDICAL TEAM

DESCRIPTION	The Veterinary Medical Team provides care to animals in a field setting or an existing veterinary medical facility, such as a veterinary hospital, animal shelter, mobile medical unit, or portable temporary hospital setting		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	<p>This team provides medical care for animals in one or more of the following populations:</p> <ol style="list-style-type: none"> 1. Companion animals, including pets, service animals, and assistance animals 2. Livestock, including food or fiber animals and domesticated equine species 3. Wildlife, captive wildlife, or zoo animals 4. Laboratory animals 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor specifies competency areas necessary based on the animal population this team will serve, including specific species 4. Requestor specifies approximate number of animals requiring treatment, so provider can estimate appropriate resources and staffing 5. Requestor specifies treatment location 6. Requestor supplements clinical staff by ordering a Healthcare Logistics Coordination and Support Team if logistics, equipment, supplies, and Information Technology/communications support are necessary 7. Individuals responding with this team possess the clinical knowledge and skills necessary to function in the clinical area the requestor specifies 8. Requestor agrees to accept all credentials of the provider's team members, allowing the supplied team to function in existing facilities 9. Requestor orders support specialists such as Pharmacists and Pharmacy Technicians separately 10. Requestor orders additional specialists as necessary—specialists in anesthesia, dentistry, dermatology, emergency and critical care, internal medicine, radiology, surgery, theriogenology, toxicology, and so on 11. Type 2, Type 3, and Type 4 teams provide acute and primary care to stabilize critical patients so the patients can evacuate to intact veterinary facilities outside the disaster area 12. The Type 1 team supports an affected area when animals cannot evacuate to fixed facilities outside the area because of distance or transportation issues

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2	Same as Type 3	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Specified
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks
Personnel	Per Team	Minimum	13	10	7	3
Personnel	Per Team	Support	Same as Type 2, PLUS: 1 - NIMS Type 2 Veterinarian 2 -NIMS Type 2 Veterinary Assistant	Same as Type 3, PLUS: 1 - NIMS Type 2 Veterinarian 2 - NIMS Type 2 Veterinary Assistant	Same as Type 4, PLUS: 1 - NIMS Type 2 Veterinarian 2 - NIMS Type 2 Veterinary Assistant	1 - NIMS Type 2 Veterinarian 2 - Type 2 Veterinary Assistant

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Capabilities	Per Team	Medical	Same as Type 2, PLUS: 1. Tertiary care 2. Hospitalization 3. Post-decontamination treatment and monitoring	Same as Type 3, PLUS: 1. Surgery 2. Radiography	Same as Type 4, PLUS: Minor surgery	This team provides: 1. Acute and primary care support 2. Health screening
			NOTES: 1. Team members have medical and handling expertise specific to the competency area and animal population they will serve. 2. Depending on incident conditions and species served, Type 4 teams can examine and treat 10 to 50 working animals or 75 to 100 noncritical animal patients per day, on average. 3. Requestor provides equipment for surgery and radiography, unless the provider otherwise specifies.			
Capabilities	Per Team	Treatment Location	Same as Type 2	Same as Type 3	This team provides care in portable/mobile temporary veterinary medical settings or as field response	This team provides care at an existing facility, such as a veterinary hospital or a shelter, or as field response
			NOTES: Equipment needs depend on competency area.			
Equipment	Per Team	Medical	Same as Type 2	Same as Type 3, PLUS: Major surgical packs	Same as Type 4, PLUS: 1. Minor surgical packs 2. Anesthetic drugs and delivery system	Basic primary and acute care veterinary medical supplies and equipment
			NOTES: 1. Requestor provides equipment for surgery and radiography, unless the provider otherwise specifies. 2. Teams may also need species-specific handling equipment, such as halters, lead ropes, lariat ropes, cattle panels, squeeze chutes, leather gloves, muzzles, leashes, and traps.			

REFERENCES

1. FEMA, NIMS 508: Healthcare Logistics Coordination and Support Team
2. FEMA, NIMS 509: Animal Emergency Response Team Leader
3. FEMA, NIMS 509: Pharmacist
4. FEMA, NIMS 509: Pharmacy Technician
5. FEMA, NIMS 509: Veterinarian
6. FEMA, NIMS 509: Veterinary Assistant
7. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
8. National Association of State Public Health Veterinarians (NASPHV), Compendia pages containing Veterinary Standards and Infection Control Measures, latest edition adopted
9. National Wildfire Coordinating Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

SWIFTWATER/FLOOD SEARCH AND RESCUE TECHNICIAN - ANIMAL RESCUE SPECIALIST

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Swiftwater/Flood Search and Rescue (SAR) Technician - Animal Rescue Specialist: 1. Provides animal rescue and basic medical care to small animals 2. Performs search, rescue, and recovery in: a. Water environments including stillwater, stillwater/flood, swiftwater, swiftwater/flood b. Shore, water, and boat-based rescue c. Situations involving human and animal rescue 3. Provides medical care to include Basic Life Support (BLS) 4. Reports to a Swiftwater/Flood SAR Team Leader, if applicable 5. Operates within the Incident Command System (ICS), in a specialized position within the Swiftwater/Flood SAR Team 6. Provides: a. Safety of self and team members b. Medical care of self, team members, and subjects 7. Coordinates with ground vehicles, watercraft, and aircraft for support, transportation, and evacuation 8. Operates in environments with and without infrastructure, including those affected by disasters and terrorism; with compromised access to roadways, utilities, and transportation; and with limited availability of shelter, food, and water	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified NOTES: Not Specified	Not Applicable
TRAINING	Completion of all training for the National Incident Management System (NIMS) Type 1 Swiftwater/Flood SAR Technician, PLUS: 1. Animal rescue course consistent with discipline and deployment environment 2. Animal rescue behavior course consistent with discipline and deployment environment 3. Animal first aid NOTES: Identified equivalent trainings should meet or exceed course learning objectives.	Not Applicable
EXPERIENCE	Completion of Swiftwater/Flood SAR Technician - Animal Rescue Specialist Position Task Books (PTB), or equivalent Authority Having Jurisdiction (AHJ) documentation NOTES: The National Fire Protection Association (NFPA) 1006: Standard for Technical Rescuer Professional Qualifications, and NFPA 1670: Standard on Operations and Training for Technical Search and Rescue Incidents address additional Knowledge, Skills, and Abilities.	Not Applicable

TYPE	TYPE 1	NO TYPE 2
PHYSICAL/MEDICAL FITNESS	1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Meets minimum physical fitness and swimming standards, in accordance with the AHJ's Job Related Physical Ability Test (JRPAT) 3. Maintains AHJ-determined physical fitness standards suitable for the environment and typing; NFPA 1582 Standard on Comprehensive Occupational Medical Program for Fire Departments meets or exceeds this physical fitness standard 4. Maintains immunizations in accordance with the U.S. Department of Health and Human Services Centers for Disease Control and Prevention recommended adult immunization schedule for the United States of America NOTES: Not Specified	Not Applicable
CURRENCY	1. Annual refresher of related SAR skills and abilities in water environments 2. Functions in this position during an operational incident, planned event, participation in exercise, drill, or simulation once every three years or as the AHJ determines 3. Background checks as applicable law permits or requires NOTES: Provider must carry out and use any background checks as applicable law specifies. This may include a background check completed within past 12 months; sex-offender registry check; and a local, state, and a local, state, and national criminal history.	Not Applicable
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	AHJ-required BLS-level medical care certification or recertification NOTES: The AHJ determines the emergency medical certifications the technician needs to meet the minimum criteria, which can include first aid, cardiopulmonary resuscitation (CPR), and BLS.	Not Applicable

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Swiftwater/Flood Search and Rescue Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days

REFERENCES

1. FEMA, NIMS 508: Swiftwater/Flood Search and Rescue Team
2. FEMA, NIMS 509: Swiftwater/Flood Search and Rescue Technician
3. FEMA, NIMS 509: Swiftwater/Flood Search and Rescue Team Leader
4. FEMA, NIMS 509: Emergency Medical Technician
5. ASTM International (ASTM) F2890: Standard Guide for Hazard Awareness for Search and Rescue Personnel, 2012
6. National Fire Protection Association (NFPA) 1006-2013: Standard for Technical Rescuer Professional Qualifications, 2013
7. NFPA 1582-2013: Standard on Comprehensive Occupational Medical Program for Fire Departments, 2013
8. NFPA 1670-2014: Standard on Operations and Training for Technical Search and Rescue Incidents, 2014
9. NFPA 1983-2012: Standard on Life Safety Rope and Equipment for Emergency Services, 2012
10. National Search and Rescue Committee, Catastrophic Incident Search and Rescue (CISAR) Addendum to the National Search and Rescue Supplement to the International Aeronautical and Maritime Search and Rescue Manual, v. 3, June 2012
11. National Wildfire Coordination Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016
12. Occupational Health and Safety Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Waste Operations and Emergency Response, latest edition adopted
13. OSHA 29 CFR Part 1910.134: Respiratory Protection, latest edition adopted
14. OSHA 29 CFR Part 1910.146: Permit-Required Confined Spaces, latest edition adopted

NOTES

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VETERINARIAN

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: Is board certified in a specialty area of veterinary medicine, such as: <ol style="list-style-type: none"> 1. Anesthesia 2. Dentistry 3. Dermatology 4. Emergency and critical care 5. Internal medicine 6. Radiology 7. Surgery 8. Theriogenology 9. Toxicology 	The Type 2 Veterinarian is a general practitioner and: <ol style="list-style-type: none"> 1. Treats animals in one or more of the following competency areas: <ol style="list-style-type: none"> a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Investigates cases of animal disease 3. Triage ill or injured animals 4. Performs clinical examinations 5. Diagnoses animal diseases 6. Identifies abnormal conditions in animals 7. Recommends risk mitigation procedures for animal-to-animal and animal-to-human (zoonotic) disease transmission 8. Supervises animal disease control field operations 9. Monitors for the emergence and reemergence of diseases 10. Provides healthcare to animals 11. Advises on animal depopulation 12. Performs euthanasia 13. Oversees vaccination of animals 14. Advises on disease control and prevention 15. Monitors and recommends humane animal care standards 16. Supervises the Veterinary Assistant
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Same as Type 2, PLUS: Completion of post-graduate education in a specialty area NOTES: Not Specified	Doctor of Veterinary Medicine or equivalent degree
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: <ol style="list-style-type: none"> 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2, PLUS: Two years of experience in a specialty area NOTES: Not Specified	Two years of experience in a clinical setting commensurate with the mission



TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	
CURRENCY	Same as Type 2	Routinely provides direct patient care in the competency area specified
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Same as Type 2, PLUS: Board certification in a specialty area	State, District of Columbia, or U.S. tribal- or territory-granted active status of legal authority to function as a Veterinarian
	NOTES: For some responses, U.S. Department of Agriculture (USDA) accreditation may be necessary.	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. Can be ordered as an individual asset
2. Can be ordered in conjunction with a NIMS typed team (Veterinary Medical Team)
3. Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. For Type 1 and Type 2, requestor specifies competency areas necessary based on the animal population the position will serve
7. For Type 1, requestor specifies specialty areas necessary based on incident requirements

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Veterinary Assistant
3. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

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VETERINARY ASSISTANT

TYPE	TYPE 1	TYPE 2
DESCRIPTION	Same as Type 2, PLUS: The Type 1 Veterinary Assistant has a Veterinary Technician or equivalent degree, certificate, or formal training and: 1.Helps administer anesthesia and diagnostic imaging under the supervision of a Veterinarian 2.Performs other duties commensurate with state board regulations for the position	The Type 2 Veterinary Assistant assists a Veterinarian; specifically, this position: 1. Performs veterinary support duties under the direct supervision of a Veterinarian and administers medical care to ill or injured animals in one or more of the following competency areas: a. Companion animals, including pets, service animals, and assistance animals b. Livestock, including food or fiber animals and domesticated equine species c. Wildlife animals, captive wildlife, and zoo animals d. Laboratory animals 2. Provides proper handling and restraint of animals 3. Provides basic medical care to animals 4. Maintains medical records 5. Performs laboratory tests 6. Assists with other veterinary support duties under the direct supervision of a Veterinarian
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Completion of a Veterinary Technician or equivalent degree, certificate, or formal training NOTES: Students in accredited Veterinary, Veterinary Technology, Veterinary Assistant, or equivalent programs may deploy as Type 2 Veterinary Assistants if they meet the training requirements below.	Not Applicable
TRAINING	Same as Type 2 NOTES: Not Specified	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction
EXPERIENCE	Same as Type 2 NOTES: Not Specified	Two years of experience in a practice setting commensurate with the mission

TYPE	TYPE 1	TYPE 2
PHYSICAL/MEDICAL FITNESS	Same as Type 2	1. Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Is able to work while wearing appropriate Personal Protective Equipment (PPE) 3. Keeps immunizations up to date and commensurate with mission
	NOTES: PPE is mission specific and may vary by work environment; it includes protective footwear, protective clothing for skin exposure, eye and ear protection, respirators, gloves, and masks.	
CURRENCY	Same as Type 2	Routinely provides direct patient care in the competency area specified
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	State, District of Columbia, or U.S. tribal- or territory-granted active status of legal authority to function as a Veterinary Technician or equivalent, if applicable	Not Specified
	NOTES: Not Specified	

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (Veterinary Medical Team)
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor specifies competency areas necessary based on the animal population the position will serve

REFERENCES

1. FEMA, NIMS 508: Veterinary Medical Team
2. FEMA, NIMS 509: Veterinarian
3. FEMA, NIMS Guideline for the National Qualification System, November 2017

NOTES

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VETERINARY MEDICAL TEAM

DESCRIPTION	The Veterinary Medical Team provides care to animals in a field setting or an existing veterinary medical facility, such as a veterinary hospital, animal shelter, mobile medical unit, or portable temporary hospital setting		
RESOURCE CATEGORY	Animal Emergency Response	RESOURCE KIND	Team
OVERALL FUNCTION	<p>This team provides medical care for animals in one or more of the following populations:</p> <ol style="list-style-type: none"> 1. Companion animals, including pets, service animals, and assistance animals 2. Livestock, including food or fiber animals and domesticated equine species 3. Wildlife, captive wildlife, or zoo animals 4. Laboratory animals 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor specifies competency areas necessary based on the animal population this team will serve, including specific species 4. Requestor specifies approximate number of animals requiring treatment, so provider can estimate appropriate resources and staffing 5. Requestor specifies treatment location 6. Requestor supplements clinical staff by ordering a Healthcare Logistics Coordination and Support Team if logistics, equipment, supplies, and Information Technology/communications support are necessary 7. Individuals responding with this team possess the clinical knowledge and skills necessary to function in the clinical area the requestor specifies 8. Requestor agrees to accept all credentials of the provider's team members, allowing the supplied team to function in existing facilities 9. Requestor orders support specialists such as Pharmacists and Pharmacy Technicians separately 10. Requestor orders additional specialists as necessary—specialists in anesthesia, dentistry, dermatology, emergency and critical care, internal medicine, radiology, surgery, theriogenology, toxicology, and so on 11. Type 2, Type 3, and Type 4 teams provide acute and primary care to stabilize critical patients so the patients can evacuate to intact veterinary facilities outside the disaster area 12. The Type 1 team supports an affected area when animals cannot evacuate to fixed facilities outside the area because of distance or transportation issues

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2	Same as Type 3	1 - National Incident Management System (NIMS) Type 1 Animal Emergency Response Team Leader	Not Specified
			NOTES: For Type 4 teams, any team member having completed ICS 300 may function as team leader, or the existing chain of command provides management and oversight at the requestor's discretion.			
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	Same as Type 4	1. Two-way portable radio 2. Cell phone
			NOTES: Not Specified			
Equipment	Per Team Member	Personal Protective Equipment	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may vary by work environment; it includes: 1. Protective footwear 2. Protective clothing for skin exposure 3. Eye and ear protection 4. Respirators 5. Gloves 6. Masks
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Personnel	Per Team	Minimum	13	10	7	3
			NOTES: Not Specified			
Personnel	Per Team	Support	Same as Type 2, PLUS: 1 - NIMS Type 2 Veterinarian 2 -NIMS Type 2 Veterinary Assistant	Same as Type 3, PLUS: 1 - NIMS Type 2 Veterinarian 2 - NIMS Type 2 Veterinary Assistant	Same as Type 4, PLUS: 1 - NIMS Type 2 Veterinarian 2 - NIMS Type 2 Veterinary Assistant	1 - NIMS Type 2 Veterinarian 2 - Type 2 Veterinary Assistant
			NOTES: 1. Requestor may substitute a Type 1 Veterinarian certified in a specific specialty area based on incident requirements. 2. Requestor may substitute Type 1 Veterinary Assistants for Type 2 Veterinary Assistants based on incident requirements.			

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Capabilities	Per Team	Medical	Same as Type 2, PLUS: 1. Tertiary care 2. Hospitalization 3. Post-decontamination treatment and monitoring	Same as Type 3, PLUS: 1. Surgery 2. Radiography	Same as Type 4, PLUS: Minor surgery	This team provides: 1. Acute and primary care support 2. Health screening
			NOTES: 1. Team members have medical and handling expertise specific to the competency area and animal population they will serve. 2. Depending on incident conditions and species served, Type 4 teams can examine and treat 10 to 50 working animals or 75 to 100 noncritical animal patients per day, on average. 3. Requestor provides equipment for surgery and radiography, unless the provider otherwise specifies.			
Capabilities	Per Team	Treatment Location	Same as Type 2	Same as Type 3	This team provides care in portable/mobile temporary veterinary medical settings or as field response	This team provides care at an existing facility, such as a veterinary hospital or a shelter, or as field response
			NOTES: Equipment needs depend on competency area.			
Equipment	Per Team	Medical	Same as Type 2	Same as Type 3, PLUS: Major surgical packs	Same as Type 4, PLUS: 1. Minor surgical packs 2. Anesthetic drugs and delivery system	Basic primary and acute care veterinary medical supplies and equipment
			NOTES: 1. Requestor provides equipment for surgery and radiography, unless the provider otherwise specifies. 2. Teams may also need species-specific handling equipment, such as halters, lead ropes, lariat ropes, cattle panels, squeeze chutes, leather gloves, muzzles, leashes, and traps.			

REFERENCES

1. FEMA, NIMS 508: Healthcare Logistics Coordination and Support Team
2. FEMA, NIMS 509: Animal Emergency Response Team Leader
3. FEMA, NIMS 509: Pharmacist
4. FEMA, NIMS 509: Pharmacy Technician
5. FEMA, NIMS 509: Veterinarian
6. FEMA, NIMS 509: Veterinary Assistant
7. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
8. National Association of State Public Health Veterinarians (NASPHV), Compendia pages containing Veterinary Standards and Infection Control Measures, latest edition adopted
9. National Wildfire Coordinating Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016

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