Section 11: Disaster preparedness

11-1 Seattle/King County Veterinary Medical Association disaster response planning
11-2 Disaster preparedness for veterinary practices (AVMA brochure)
11-3 Saving the Whole Family (AVMA disaster preparedness series)

Information & resources

American Veterinary Medical Association
Disaster preparedness and response guide:
www.avma.org/products/disaster/responseguide.asp

11-2 Disaster preparedness for veterinary practices:
www.avma.org/products/disaster/vetpractices.asp

Disaster preparedness brochure for families with pets:
www.avma.org/products/disaster/savingfamily.asp

11-3 Saving the Whole Family; AVMA disaster preparedness series
www.avma.org/disaster/saving_family.asp#late

Washington State Veterinary Medical Association (WSVMA)
www.wsvma.org/ Phone: (425) 454-8381
Disaster & Emergency Management Committee, WSVMA Disaster Guide

Federal Emergency Management Agency (FEMA)
Disaster and emergency preparedness information for pet owners:
www.fema.gov/plan/prepare/animals.shtm

The Humane Society of the United States
Emergency Services and Animal Rescue Teams. Disaster preparedness for pets, horses and livestock:
www.hsus.org/hsus_field/hsus_disaster_center/

Center for Food Security and Public Health
Resources related to animal emergencies, bioterrorism, agroterrorism, foreign animal diseases, zoonotic diseases, and biological risk management:
www.cfsph.iastate.edu/
All disasters are local, and it can happen here! We’re working to create a network of professionals to assist in responding to disasters involving animals in King County. Please complete this survey about your interest in aiding animals affected by disasters. We’ll be offering responder training to those interested. Just fax the completed survey to (206) 205-0189 or mail to SKCVMA Survey, 401 5th Ave, Suite 1100, Seattle, WA 98104. You can call us at (206) 263-8464 with any questions about the survey.

Name: ____________________________________________________________

1. Would you be willing to help respond to disasters involving animals in King County?
   
   Yes   No   Not sure

2. How far would you be willing to travel to assist with disaster response in King County?
   
   ≤ 5 miles   5-15 miles   ≥ 15 miles

3. What types of animals do you feel comfortable handling? (Circle all that apply.)
   
   Dogs & cats   Horses   Cattle
   Exotics   Reptiles   Other __________________
   Birds   Pocket pets

4. What is the proximity of your home to your practice?
   
   ≤ 5 miles   5-15 miles   ≥ 15 miles   Don’t practice   Varies

5. What’s the best way to contact you in the future for organization & training opportunities?
   
   Phone:________________________   Fax:________________________
   Email:________________________________________________
   Mail:____________________________________________________________

6. Please feel free to add any comments:

On behalf of the SKCVMA Disaster Preparedness Committee, thanks for your response!

Melinda Cumming, DVM
President
Seattle/King County Veterinary Medical Association

Sharon G. Hopkins, DVM, MPH
Public Health Veterinarian
Public Health—Seattle & King County
Disaster Preparedness for Veterinary Practices

are you prepared to continue practicing in the aftermath of a disaster?

disaster preparedness series
Your written disaster plan should include:

1) Emergency relocation of boarded or hospitalized animals
   - Leashes, carriers and other species specific supplies
   - Appropriate, pre-arranged animal transportation
   - Temporary animal holding location
   - 24-hour client contact list (off-site access)
   - Secure and weather-resistant patient identification
   - In conjunction with appropriate legal council; involving your staff, clients and their pets in disaster planning and disaster drills can help ensure community buy-in and dedication to the plan

2) Medical record back-up
   - Off-site computer back-up (fireproof safes will not prevent melting)
   - Off-site copies of important documents
   - Itemized inventory (on-site & off-site)
   - Digital storage

3) Continuity of operations
   - Communications (do not rely on landlines, cell phones or pagers)
   - Alternate power source (i.e. generators with regular maintenance and training for staff; ideally professionally installed and able to provide long-term power to the entire facility)
   - Generator fuel source
   - Continued refrigeration
   - List of suppliers with current 24-hour contact information
   - Alternate food and water sources in case of contamination
   - 5-7 days worth of food and water for on-site staff and patients
   - 5-7 days of personal medications for on-site staff
   - Alternate Practice Location (within your vicinity)
     - Contact your local and state Veterinary Medical Association for potential resources
     - Yours may be the only practice affected in area (i.e. hospital fire)
     - No inconvenience to your clients
     - Eliminate a need for your clients to obtain services elsewhere
   - Adopt a Sister Practice (outside your vicinity)
     - Contact your local and state Veterinary Medical Association for potential resources
     - Many practices in your area affected
     - Avoid a gap in client services
4) Security of building and personnel

- Contact state/local municipality for specific requirements
- Outline preferred means of reporting emergencies, including designated person for communicating with local emergency responders
- Local fire department: free inspection and evacuation drills
- Water system independent from electrical system
- Oxygen tanks isolated for safety
- Secure practice from theft, looting, and other crimes
- Floor plan or diagram that clearly shows the location of all fire extinguishers, control valves, dangerous areas, and escape routes
- Emergency lighting
- Multiple exits
- Regular disaster evacuation drills (local fire department, local police, clients)
- Office phone-tree (24-hour numbers)
- Pre-arranged off-site meeting location for staff and account for all employees
- Pre-arranged conference call capability to keep all staff informed
- Encourage and help to develop each employee's personal family disaster plan (if they are prepared at home they will be better able to assist the practice)
- Hazardous Materials inventory with Material Safety Data Sheets (accessible off-site)
- Employee identification cards (access to disaster stricken area)
- First-aid training for employees in each work shift in the practice

5) General Emergency Planning

- Plan should address appropriate responses to all foreseeable emergencies, including hazardous chemical spills
- Employees must receive any training, information and equipment required by a response plan
- Proper housekeeping includes maintenance of equipment, surveillance and detection of leaks, containment of spills by trained employees wearing protective clothing, and proper disposal
- Contact their state's respective occupational safety agency to ensure full compliance of both federal and state regulations

6) Fire prevention

- Identify major fire hazards in the workplace, proper handling and storage procedures, potential ignition sources (e.g., open flames and electrical sparks) and type of fire protection equipment necessary to control each major hazard
- Procedures to control accumulations of flammable and combustible waste materials
- Procedures for regular maintenance of safeguards installed on heat-producing equipment
- Name of job title of employees responsible for maintaining equipment to prevent or control sources of ignition or fires

7) Insurance coverage and legal issues

- Current and comprehensive insurance policy
- Discuss the details of disaster drills with your legal counsel to make sure you are covered for any injuries that might occur during the drill
- Receipts for all purchases
- Videotape and photograph inventory
• In the event the practice is damaged, it is important to take measures to avoid further damage (i.e. – If a practice’s roof is damaged in a disaster, but the contents in the building are ruined because of subsequent rains, your possessions may not be covered by your insurance policy if the rain is deemed “after the initial disaster” and you did not take steps to secure a tarp over the top of your building preventing further damage).

• Familiarize yourself with tax laws and deductible disaster expenses

• Business Owners Policy, AVMA PLIT, 800-228-PLIT, www.avmaplit.com

• Make sure your insurance coverage addresses:
  • Business Interruption (continuing expenses) — find out exactly when it ends and what triggers the end
  • Extra Expense (payment of overtime pay and relocation expenses)
  • Professional Extension (provides coverage for injury/loss/death of animal in a practice’s care, custody or control. Normal professional liability only provides coverage during a case of treatment)
  • Loss of Income
  • Large animal and equine practitioners should consider “mobile loss of income” (which provides coverage in case a piece of equipment or vehicle cannot be used)
  • Personal Property (replacement value)
  • Automatic Inflation
  • Fire Damage (typically included in business packages)
  • Water Damage (NOT typically covered in business packages—make sure you have flood insurance if you are in a flood zone)
  • Debris Removal/Cleanup
  • Civil Ordinance Coverage (provides coverage in case the practice is unable to function because of an act of government)
  • Comprehensive building and structure replacement
  • Coverage of rented and leased equipment
  • Interruption of power, heating/air and sewer
  • Coverage of Worker’s Compensation
  • General and professional liability

American Veterinary Medical Foundation

Founded in 1963, the American Veterinary Medical Foundation (AVMF) is a 501(c)(3) organization that raises and disburses funds for initiatives supporting its mission statement, “Advancing the care of animals with an emphasis on disaster preparedness and response, and animal health studies.” Contributions made to the AVMF are tax deductible. The AVMF Animal Disaster Relief and Response Fund provides support for emergency veterinary aid for the health, safety, and welfare of animals affected by disasters at the local level, emergency preparedness at the state level, and the Veterinary Medical Assistance Teams at the national level.

To contribute to the AVMF Animal Disaster Relief and Response Fund, please mail your check to:

AVMF Animal Disaster Relief and Response Fund
Department 20-1122
P.O. Box 5940
Carol Stream, IL 60197-5940
Or call: 847-285-6689
www.avmf.org
be prepared to continue practicing in the aftermath of a disaster

Additional Information Available from:

**AVMA**
www.avma.org/disaster

**Federal Emergency Management Agency**
Disaster Impact Helpline 800-462-9029
www.fema.gov

**Occupational Safety & Health Administration**
www.osha.gov

**Small Business Administration**
Disaster Loans 800-488-5323
www.sba.gov
www.sba.gov/disaster

**The American Red Cross**
www.redcross.org

**Internal Revenue Services**
Tax assistance
www.irs.ustreas.gov/pas/disaster/default.htm

**Farm Service Agency**
Farm assistance
www.fsa.usda.gov/pas/disaster/default.htm

**Social Security Administration**
Social Security benefits
www.ssa.gov

**Department of Veterans Affairs**
Veterans benefits
www.va.gov

(Revised 08/08)
Nature and life have fury days
Tornadoes, hurricanes, floods, fires, blizzards, terrorism…
Devastating natural and man-made disasters can ravage our lives. No one is exempt from the possibility of being affected personally. You need to prepare for yourself and for your animals in case of disaster.

The American Veterinary Medical Association (AVMA) has developed this booklet to help you avoid having to leave your animals stranded in the event of a disaster or an evacuation.

Visit www.avma.org for the most current information and for links to additional Web sites.

Do Not Wait Until It Is Too Late
Countless times people have been told to leave their homes for a “short time,” only to find that they cannot return for days or weeks. Even disasters like gas leaks and minor flooding can keep you from tending to your animals for extended periods of time. To prevent situations such as these TAKE YOUR ANIMALS WITH YOU.
It is best to be overly cautious during a disaster warning. Preparing ahead of time and acting quickly is the best way to keep you and your family, including your animals, out of danger.

- Familiarize yourself with each type of disaster that could affect your area, not forgetting a hazardous materials spill.
- Be prepared for the possible disruption of services for extended periods of time, including electric, phone, and local food and water sources.
- Having a plan in place and practicing the plan prior to a disaster will help you accomplish a successful evacuation and maintain the safety of your animals.
Preparedness Before the Disaster

Preparing a Disaster Plan
Setup an appointment to talk to your VETERINARIAN about disaster planning.

- Assemble an animal EVACUATION KIT.
- Develop an evacuation plan for all of your animals and practice the plan.
- If you live in an apartment, make sure your animals are on record with management and are able to evacuate via the stairwell. Dogs should be taught to go up and down stairs to better assist rescue personnel.
- Keep written directions to your home near your telephone. This will help you and others explain to emergency responders exactly how to get to your home.
- Identify alternate sources of food and water.
- Have well maintained backup generators for use in food-animal production operations.
- Keep all vehicles well maintained and full of gas.
- Keep emergency cash on hand.
- If you have horses or livestock, good barn and field maintenance can reduce danger. Decide on the safest housing location if evacuation is impossible, realizing that the situation is still life threatening. Assess the stability and safety of barns and other structures, promptly remove dead trees, and minimize debris in the fields and immediate environment.

In Case You Are Not At Home
Preplace stickers on front and back house doors, barn doors, and pasture entrances to notify neighbors, fire fighters, police, and other rescue personnel that animals are on your property and where to find your evacuation supplies.

- Provide a list near your evacuation supplies of the number, type, and location of your animals, noting favorite hiding spots, in order to save precious rescue time.
- To facilitate a successful rescue, provide muzzles, handling gloves, catch nets, and animal restraints where rescue personnel can find them. Keep in mind that animals may become unpredictable when frightened.
- Designate a willing neighbor to tend to your animals in the event that a disaster occurs when you are not at home. This person should have a key to your home, be familiar with your animals, know your evacuation procedures, and know where your evacuation supplies are kept.
- In your evacuation kit, keep a pre-signed letter that releases your neighbor from responsibility if one of your animals becomes injured during the evacuation.
- You may also want to have a pre-signed veterinary medical treatment authorization with your Evacuation Kit – this will aid your veterinarian if your animal must be treated during your absence.
Identification

Having identification on your animals, including rabies and license tags, if applicable, may help reunite you with your animal(s) in the event that you are separated. Identification should provide your name, home address, a phone number where you can be reached, and an out-of-state phone number of someone with whom you will be in contact during or soon after the disaster/evacuation. If possible, include your veterinarian’s name, location, and phone number. Examples of some forms of identification are listed below.

**Small Animal**
- collar tag (a piece of tape applied to the back of the collar tag can provide evacuation site information – use waterproof ink)
- microchip
- tattoo
- temporary neckband
- waterproof pouch attached to collar with identification information inside
- many reptiles may be marked with a permanent felt-tipped marker
- clear identification on cage/housing for confined animals

**Equine**
- microchip
- tattoo
- halter tag
- neck collars
- leg band
- brand
- mane clip
- luggage tag braided into tail or mane
- clipper-shaved information in the animals’ hair
- livestock marking crayon, non-toxic, non-water-soluble spray paint, or non-water-soluble markers to write on the animals’ side
- permanent marker to mark hooves

**Livestock**
- neck chain
- ear notches
- leg band
- ear tag
- brand
- livestock marking crayon, non-toxic, non-water-soluble spray paint, or markers to write on the animals’ side
- wattle notching
- ear tattoo
- back or tail tag
Small Animal:
- Leash, collar, and/or harness for each pet.
- Collapsible cage or airline approved carrier should also be available for each pet, and bedded properly, for transportation and housing purposes - owning enough carriers to accommodate your pets facilitates a speedy evacuation and may mean the difference between the life or death of your pet.
- Familiarize your animals with evacuation procedures and cages/carriers. Take the cage/carrier out several times a year and put dog or cat treats inside with blankets and toys. By doing this, you hope to reinforce positive feelings associated with the animal carrier.
- Cat carriers should be large enough to hold a small litter pan and two small dishes and still allow your cat enough room to lie down comfortably or stand to use the litter pan.
- Dog kennels or collapsible cages should be large enough to hold two no-spill bowls and still allow enough room for your dog to stand and turn around.
- For added assurance, clearly label each carrier with your identification and contact information.
- Locate and PREARRANGE an evacuation site for your family and animals outside your immediate area. Ideally, this will be a friend/relative or a pet-friendly hotel that is willing to let your family and animals stay in the event of a disaster. Other possible animal housing options include veterinary hospitals, boarding kennels, and animal shelters.

Equine/Livestock:
Equine/livestock evacuation can be challenging:
- Develop an evacuation plan and make sure that animals are familiar with being loaded onto a trailer.
- Premises with facilities that are specifically designed to load and handle livestock will be much more successful in evacuating and relocating livestock.
- Locate and prearrange an evacuation site for your animals outside your immediate area. Possible sites include:
  - veterinary or land grant colleges
  - racetracks
  - show grounds
  - pastures
  - stables
  - fairgrounds
  - equestrian centers
  - livestock corrals
  - stockyards or auction facilities
  - other boarding facilities
- If you do not have enough trailers to transport all of your animals to an evacuation site quickly, contact neighbors, local haulers, farmers, producers, or other transportation providers to establish a network of available and reliable resources that will provide transportation in the event of a disaster.

It is important to separate animals from different households as much as possible and to maintain the best possible hygiene to decrease disease transmission.
**Veterinary Records**

Make photocopies of important veterinary documents to store in the evacuation kit.

**Vaccination records**
- Vaccination type and date
- Rabies certificate, if applicable

**Medical history**
- Important test results, such as Feline Leukemia/Feline Immunodeficiency Virus (Felv/FIV), heartworm, equine infectious anemia (Coggins test), tuberculosis, and brucellosis
- Medical conditions and medications *(including drug name, dosage, and frequency of dosing)*
- If your animal has a microchip, a record of the microchip number
- For cattle: If an individual animal is or has been medically treated and is still under a withdrawal period, a treatment record must be maintained. The record must include animal's ID or group ID, date of treatment/s, the drug used and the drug manufacturer's serial or lot number, dosage of drug administered, route and location of administration, and the person administering the drug. The earliest date the animal could clear the withdrawal period for the administered drug should also be listed.

**Proof of Ownership**

Make copies of registration information, adoption papers, proof of purchase, and microchip information to store in the evacuation kit. List each one of your animals and their species, breed, age, sex, color, and distinguishing characteristics.

Keep current photographs of your animals in the evacuation kit for identification purposes. Include yourself in some of the photos to help you reclaim your lost animal(s). Consider preparing waterproof “Lost Pet” signs with your animal’s photo attached, your name, and your contact information to use in case your animal is lost. If your pet has a microchip, call the company to register your pet’s information and make sure to keep that information updated.
List of Important Emergency Contacts

Prepare this list now before a disaster strikes. Include addresses and 24-hour contact numbers, if available. These contacts can be used by rescue personnel responding to a disaster affecting your animals or by you during a disaster or an evacuation. Keep one copy near your telephone and one copy in your animal evacuation kit.

- Numbers where you may be reached (pager, cell phone, work phone)
- Your prearranged evacuation site
- Local contact person in case of emergency when you are not available
- Out-of-state contact person
- Your veterinarian’s name, clinic name, and phone numbers
- Alternate veterinarian (30-90 miles away, provides boarding)
- Boarding facility (local)
- Boarding facility (30-90 miles away)
- Hotels that allow pets (90 mile radius)
- Local Animal Control
- Local Police Department
- Local Fire Department
- Local Public Health Department
- Local animal shelter
- Local Red Cross chapter
- Local humane society
- Local Society for the Prevention of Cruelty to Animals (SPCA)
- List of internet “lost and found” animal sites

Additional contacts for equine/livestock owners:
- State veterinarian
- State veterinary colleges or land grant colleges of agriculture
- Private stables/farms
- County Extension office; this is especially important for livestock owners
- Brand inspector, if applicable
- Applicable state and county livestock associations
- Racetracks
- Fairgrounds
- Show grounds
- Stockyards
- Equestrian centers
- Local haulers or neighbors to help with transportation
- Feed distributor
- American Association of Equine Practitioners (http://aaep.org/emergency_prep.htm)
- American Association of Bovine Practitioners (http://www.aabp.org/)
- American Association of Small Ruminant Practitioners (http://www.aasrp.org/)
- American Association of Swine Veterinarians (http://www.aasp.org)
- USDA-APHIS Area Emergency Coordinator
The following lists will help you prepare for your animal(s) in the event of a disaster. The evacuation kit should be assembled in easy-to-carry, waterproof containers. It should be stored in an easily accessible location away from areas with temperature extremes. Replace the food, water, and medications as often as needed to maintain their quality and freshness and in accordance with the expiration dates. Indicate, if applicable, medications that are stored elsewhere due to temperature requirements such as refrigeration.

Consult your veterinarian for advice on making an animal evacuation kit and first aid kit that is appropriate for your individual animals. It is important that you become familiar with the items in your kit and their uses. Your veterinarian may recommend an animal first aid book to include in your kit. Consult your veterinarian regarding emergency first aid procedures and administration of any medications.

- 2-week supply of food (dry & canned)
- 2-week supply of water in plastic gallon jugs with secure lids
- Batteries (flashlight, radio)
- Cage/carrier (one for each animal, labeled with your contact information)
- Can opener (manual)
- Cat/wildlife gloves
- Copies of veterinary records and proof of ownership
- Emergency contact list
- Familiar items to make pets feel comfortable (favorite toys, treats, blankets)
- First aid kit (see next page)
- Flashlight
- Instructions
- **DIET:** record the diet for each individual animal, including what not to feed in case of allergies.
- **MEDICATIONS:** list each animal separately, including dose and frequency for each medication. Provide veterinary and pharmacy contact information for refills.

- Leash and collar or harness (for each animal)
- Litter, litter pan, litter scoop
- Maps of local area and alternate evacuation routes (in case of road closures)
- Muzzles (dog or cat)
- Newspaper (bedding, litter)
- No-spill food and water dishes
- Paper towels
- Radio (solar and battery operated)
- Spoon (for canned food)
- Stakes and tie-outs
- Trash bags
Consult your veterinarian when developing the first aid kit. The items below serve only as examples of what may be included in a small animal first aid kit.

- Activated charcoal (*liquid*)
- Anti-diarrheal liquid or tablets
- Antibiotic ointment (*for wounds*)
- Antibiotic eye ointment
- Bandage scissors
- Bandage tape
- Betadine® (*povidone-iodine*) or Nolvasan® (*chlorhexidine*), scrub and solution
- Cotton bandage rolls
- Cotton-tipped swabs
- Elastic bandage rolls
- Eye rinse (*sterile*)
- Flea and tick prevention and treatment
- Gauze pads and rolls
- Ice cream sticks (*which may be used as splints*)
- Isopropyl alcohol/alcohol prep pads
- Latex gloves or non-allergenic gloves
- Liquid dish detergent (*mild wound and body cleanser*)
- Measuring spoons
- Medications and preventative (*such as heartworm prevention*), minimum 2-week supply, with clearly labeled instructions. Provide veterinary and pharmacy contact information for refills.
- Non-adherent bandage pads
- Saline solution (*for rinsing wounds*)
- Sterile lubricant (*water based*)
- Styptic powder (*clotting agent*)
- Syringe or eyedropper
- Thermometer (*digital*)
- Tourniquet
- Towel and washcloth
- Tweezers

**Livestock Evacuation Kit**

- 7-10 day supply of feed and water
- Batteries (*flashlight, radio*)
- Copies of veterinary records and proof of ownership
- Cotton halter
- Duct tape
- Emergency contact list
- Flashlight
- Heavy gloves (*leather*)
- Instructions
- **DIET:** record the diet for your animals.
- **MEDICATIONS:** record the dose and frequency for each medication. Provide veterinary and pharmacy contact information for refills.
- Knife (*sharp, all-purpose*)
- Maps of local area and alternate evacuation routes (*in case of road closures*)
- Nose leads
- Plastic trash cans with lids (*can be used to store water*)
- Portable livestock panels
- Radio (*solar and battery operated*)
- Rope or lariat
- Shovel
- Water buckets
- Whip, prods
- Wire cutters
## Equine Evacuation Kit

- 7-10 day supply of feed, supplements, and water
- Bandannas *(to use as blindfolds)*
- Batteries *(flashlight, radio)*
- Blankets
- Copies of veterinary records and proof of ownership
- Duct tape
- Emergency contact list
- First aid kit
- Flashlight
- Fly spray
- Grooming brushes
- Heavy gloves *(leather)*
- Hoof knife
- Hoof nippers
- Hoof pick
- Hoof rasp
- Instructions

### DIET:
record the diet for your animals.

### MEDICATIONS:
record the dose and frequency for each medication. Provide veterinary and pharmacy contact information for refills.

- Knife *(sharp, all-purpose)*
- Leg wraps and leg quilts
- Maps of local area and alternate evacuation routes *(in case of road closures)*
- Non-nylon halters and leads *(leather/cotton)*
- Paper towels
- Plastic trash cans with lids *(can be used to store water)*
- Radio *(solar and battery operated)*
- Rope or lariat
- Shovel
- Tarpaulins
- Trash bags
- Twitch
- Water buckets
- Wire cutters

## Equine First Aid Kit

Consult your veterinarian when developing the first aid kit. The items below serve only as examples of what may be included in an equine first aid kit.

- Antibiotic ointment *(for wounds)*
- Antibiotic eye ointment
- Bandage scissors
- Bandage tape
- Betadine®*(povidone-iodine)*
  or Nolvasan®*(chlorhexidine)*, scrub and solution
- Cotton bandage rolls
- Cotton-tipped swabs
- Elastic bandage rolls
- Eye rinse *(sterile)*
- Gauze pads and rolls
- Isopropyl alcohol/alcohol prep pads
- Latex gloves or non-allergenic gloves
- Medications *(minimum 2 week supply, with clearly labeled instructions)*
- Non-adherent bandage pads
- Saline solution *(for rinsing wounds)*
- Sterile lubricant *(water-based)*
- Thermometer *(digital)*
- Tincture of green soap
- Tourniquet
- Towel and washcloth
- Tweezers
Evacuating Other Types of Pets

Identification, medical records, and proof of ownership are equally as important for other kinds of pets as for the aforementioned animals. Transportation of these species may require additional attention and care in order to decrease chances of stress-induced illness and death. It is important to keep pets from different sources as separate as possible and maintain the best possible hygiene in order to decrease disease transmission.

**Birds**

- Transportation of pet birds is best accomplished using small, secure, covered carriers to avoid injury.
- If traveling in cold weather, always warm the interior of your vehicle before moving your bird(s) from the house to the vehicle.
- Transfer your bird(s) to a standard cage upon arrival at the evacuation site; covering the cage may reduce stress; this transfer should occur in a small, enclosed room to reduce the risk of escape.
- Birds should be kept in quiet areas and not allowed out of the cage in unfamiliar surroundings. Fresh food and water should be provided daily.
- If your bird appears ill, be sure to lower the cage perch, food dish, and water bowl and consult a veterinarian as soon as possible.
- In addition to the pertinent items listed under small animal evacuation kit, include:
  - necessary dietary supplements
  - plant mister for cooling birds in hot weather
  - hot water bottle for warming birds in cold weather
  - materials to line the bottom of the cage
  - cage perch
  - toys

**Reptiles**

- Transportation of small reptiles can be accomplished using a pillowcase, cloth sack, or small transport carrier.
- If possible, promote defecation before transporting the animal (for example allow tortoises, lizards, or snakes to soak in a shallow water bath before bagging or caging).
- Transfer your pet to a secure cage at the evacuation site as soon as possible and if appropriate.
- In addition to the pertinent items listed under small animal evacuation kit, include:
  - essential dietary supplements
  - water bowl for soaking
  - spray bottle for misting
  - extra bags or newspapers
  - heating pad
  - battery-operated heating source or other appropriate heat source
  - extra batteries
  - appropriate handling gloves SUPPLIES
- Since most reptiles do not eat daily, feeding during evacuation circumstances may increase stress. Determine if feeding is in the animal’s best interest, especially if the container may become fouled.
- Housing at the evacuation facility should be consistent with that required by the reptile. The enclosure should, if possible, be placed in a controlled environment, away from areas of heavy traffic, loud noises, and vibrations.
- Make sure that the container housing the reptile is escape proof. Nonetheless, plan for escapes.

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  - extra bags or newspapers
  - heating pad
  - battery-operated heating source or other appropriate heat source
  - extra batteries
  - appropriate handling gloves/supplies
- Since most reptiles do not eat daily, feeding during evacuation circumstances may increase stress. Determine if feeding is in the animal’s best interest, especially if the container may become fouled.
- Housing at the evacuation facility should be consistent with that required by the reptile. The enclosure should, if possible, be placed in a controlled environment, away from areas of heavy traffic, loud noises, and vibrations.
- Make sure that the container housing the reptile is escape proof. Nonetheless, plan for escapes.
Evacuating Other Types of Pets

**Amphibians**

- Transportation of amphibians can be accomplished by using water-tight plastic bags, such as the ones used for pet fish transport, or plastic containers, such as plastic shoeboxes or plastic food containers with snap-on lids.
- It is best to place only one species or if possible only one animal per container.
- Small ventilation holes should be placed in the upper wall or plastic lid. Smooth the inner surface of the holes with a file or sandpaper to prevent injury to the animal.
- For terrestrial or semi aquatic amphibians use a tiny amount of water, or moistened paper towels, clean foam rubber, or moss as a suitable substrate.
- For aquatic species, fill the plastic bag one third full of water, then inflate the bag with fresh air and close with a knot or rubber band. It is best to use clean water from the animal's enclosure to minimize physiologic stress.
- Care must be taken to monitor water and air temperature, humidity, lighting, and nutrition during the time that the animal will be in the evacuation facility.
- Housing at the evacuation facility should be consistent with that required by the amphibian.
- The enclosure should, if possible, be placed in a controlled environment, away from areas of heavy traffic, loud noises, and vibrations.
- Make sure that the container housing the amphibian is escape proof. Nonetheless, plan for escapes.
- Take an extra container of water, clean moist paper towels or clean moss as is appropriate in case any of your pet's containers break or leak.
- Feeding during evacuation circumstances may increase stress so it may not be in the animal's best interests to supply food, especially if the water may become fouled.

**Other Small Animals**

- Transportation of most small mammals (*ferrets, hamsters, gerbils, rats, mice, guinea pigs, etc.*.) is best accomplished using a secure, covered carrier or cage to reduce stress.
- In addition to the pertinent items listed under small animal evacuation kit, include:
  - necessary dietary supplements
  - extra bedding materials
  - appropriate exercise equipment
An evacuation order has been issued NOW WHAT DO YOU DO?

Evacuate your family, including your animals, as early as possible. By leaving early, you will decrease the chance of becoming victims of the disaster.

- Bring your dogs, cats, and other small animals indoors.
- Make sure all animals have some form of identification securely fastened to them (or their cage, in the case of smaller, caged pets). The utilization of permanent identification is encouraged.
- Place all small pets, including cats and small dogs, inside individual transportable carriers. When stressed, animals that normally get along may become aggressive towards each other.
- Secure leashes on all large dogs.
- Load your larger animal cages/carriers into your vehicle. These will serve as temporary housing for your animals if needed.
- Load the animal evacuation kit and supplies into your vehicle.
- Call your prearranged animal evacuation site to confirm availability of space.
- Implement your equine/livestock evacuation plan.
- If evacuation of horses/livestock is impossible, relocate them to the safest place possible based on the type of imminent disaster and your environment, realizing that the situation could be life threatening.
- Make sure that they have access to hay or an appropriate and safe free-choice food source, clean water, and the safest living area possible including high ground above flood levels.
- Do not rely on automatic watering systems, because power may be lost.
- The decision to leave your horses/livestock in the field or in the barn should be based on the risks of injury resulting from the disaster as well as from the horse’s/livestock’s immediate environment during that disaster.
- Factors to consider include the stability of the barn, the risk of flooding, and the amount of trees and debris in the fields.
- If time permits, secure or remove all outdoor objects that may turn into dangerous flying debris.

After the disaster

- Survey the area inside and outside your home to identify sharp objects, dangerous materials, dangerous wildlife, contaminated water, downed power lines, or other hazards.
- Examine your animals closely, and contact your veterinarian immediately if you observe injuries or signs of illness.
- Familiar scents and landmarks may have changed, and this can confuse your animals.
- Release equine/livestock in safe and enclosed areas only. Initial release should take place during daylight hours, when the animals can be closely observed.
- Release cats, dogs, and other small animals indoors only. They could encounter dangerous wildlife and debris if they are allowed outside unsupervised and unrestrained.
- Release birds and reptiles only if necessary and only when they are calm and in an enclosed room.
- Reintroduce food in small servings, gradually working up to full portions if animals have been without food for a prolonged period of time.
- Allow uninterrupted rest/sleep for all animals to recover from the trauma and stress.
- If your animals are lost, physically check animal control and animal shelters DAILY for lost animals.
- Post waterproof lost animal notices and notify local law enforcement, animal care and control officials, veterinarians, and your neighbors of any lost animals (utilize online resources for lost and found animals).
The American Veterinary Medical Association

The American Veterinary Medical Association (AVMA) is a professional association of more than 76,000 member veterinarians. The mission of the AVMA is to advance the science and art of veterinary medicine, including its relationship to public health, biological science, and agriculture. The Association is the recognized national voice for veterinarians in presenting their views to government, academia, agribusiness, non-profit organizations, animal owners, and other concerned members of the public.

AVMA Emergency Preparedness and Response Efforts

The AVMA has a number of educational resources for veterinarians, emergency preparedness officials, and the public regarding emergency preparedness and response. Several brochures are available, including Saving the Whole Family, Disaster Preparedness for Veterinary Practices, and the AVMA Disaster Preparedness and Response Guide. In addition, the AVMA’s Disaster Preparedness Web site (www.avma.org/disaster) contains a multitude of resources, including training opportunities available within states, state legislative and regulatory resources, and other emergency preparedness resources.

AVMA Veterinary Medical Assistance Teams

A major initiative pursued by the AVMA has been its disaster preparedness and response efforts with the federal government. With the signing of a Memorandum of Understanding (MOU) in May 1993, veterinary services became incorporated into the Federal Response Plan, now the National Response Framework, for disaster relief as part of the National Disaster Medical System (NDMS). The AVMA’s pioneering efforts in developing a world-class veterinary response team program, the Veterinary Medical Assistance Teams (VMAT), resulted in this MOU between the AVMA and the U.S. Public Health Service. The agreement yielded 14 years of collaboration between the federal government and the AVMA, during which time the AVMA VMAT provided on-the-ground veterinary response during times of national emergencies. As our world has changed since 1993, and federal laws have changed to address new national security challenges, so has the AVMA’s part in federal emergency response. The AVMA is proud to have developed the model of what is now the NDMS National Veterinary Response Teams (NVRT). There are now two distinct programs, the federal NVRT program and AVMA’s VMAT program. The AVMA looks forward to continued communication with the federal government on emergency issues and other critical issues. Now, the role of the AVMA VMATs has transitioned from the federal level to serve at the state and local level as early assessors of animal and veterinary medical infrastructure during emergencies and as educators in non-urgent times.

THE VMAT MISSION: To provide, upon request by a state, operational all hazards, all species emergency response and preparedness programs to that state’s animal health authorities, veterinary medical associations, and other relevant organizations.
The American Veterinary Medical Foundation

Founded in 1963, the American Veterinary Medical Foundation (AVMF) is a 501(c)(3) organization that raises and disburses funds for initiatives supporting its mission statement, “Advancing the care of animals with an emphasis on disaster preparedness and response, and animal health studies.” Contributions made to AVMF are tax deductible. The AVMF Animal Disaster Relief and Response Fund provides support for emergency veterinary aid for the health, safety, and welfare of animals affected by disasters at the local level, emergency preparedness at the state level, and the Veterinary Medical Assistance Teams at the national level.

Contact & Contribution Information

For additional information about the AVMA disaster relief efforts:

AVMA
1931 N. Meacham Rd., Suite 100
Schaumburg, IL 60173-4360
800-248-2862, ext. 6632
www.avma.org/disaster

To contribute to the AVMF Animal Disaster Relief and Response Fund, please mail your check to:

AVMF Animal Disaster Relief and Response Fund
Department 20-1122
P.O. Box 5940
Carol Stream, IL  60197-5940
Or call: 800-285-2862, ext. 6689
www.avmf.org

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  http://aaep.org/emergency_prep.htm
• The American Association of Bovine Practitioners www.aabp.org
• The Association of Reptilian & Amphibian Veterinarians www.arav.org
• Association of Avian Veterinarians www.aav.org
• American Association of Avian Pathologists www.aaap.info

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As the winds blow on
And the waters rise deep
You can hear their cries
You can hear them weep
Those you have brought into your home
Those who are loyal, caring and warm.
You feed them each day, and tell them to stay
And now when they need you, don’t turn them away.
When you vowed to love, when you vowed to care
You vowed to sacrifice, and vowed to prepare.
So now in times of trouble and strife
You are responsible for more than one life.
You need to plan, think, and prepare
For all those who need you
Those who depend on your care.

—Cindy Swancott Lovern