San Mateo Santa Clara Santa Cruz



BARN & RANCH SAFETY PLANNER



NAME:		
EMERGENCY CO	ONTACTS:	
NAME:	PHONE	100
NAME:	PHONE	



ANIMAL READY-KIT CHECKLISTS



HALTER Project

ANIMAL DISASTER
PREPAREDNESS + RESPONSE

HALTERproject.org rescue@halterfund.org

BARN & RANCH SAFETY PLANNER PET PREP for SENIORS & CAREGIVER





ESPAÑOL NORTH BAY ANIMAL DISASTER PREP



Animal Emergency Action Plan & Advance Care Directive Forms

• How to use them

• Where to keep them

For questions, more information, or to schedule a workshop, contact rescue@halterfund.org

This packet includes 2 forms: an Animal Emergency Action Plan and an Advance Care Directive. These are key tools to help your animals in an emergency.

After you fill out the Animal Emergency Plan form, you'll need to make several copies and keep it where you or someone caring for your animals can find and use it quickly.

- One copy goes with your personal documents in your "grab & go" binder, file or bag.
- Keep one copy in the house where a helper, responder, or pet-sitter can find it easily.
- Give a copy to all the people who might care for your animal(s) if you're not able to.
- Store it electronically along with your other important documents.

Advance Veterinary Care Directive Form

This form is on the back side of the Emergency Plan form. It provides your instructions for the care of your pet or other animals if you are not available.

- · Keep a copy with your Emegency Plan.
- Give a copy to your veterinarian.
- Give copies to the people who might care for your animals if you cannot.

TIPS

- Put copies of your Emergency Plan and Advance Care Directive in ziploc sandwich bag or clear envelope and attach to your refrigerator door, next to your own "File of Life" if you have one.
- Keep a card in your wallet with pet info on it.

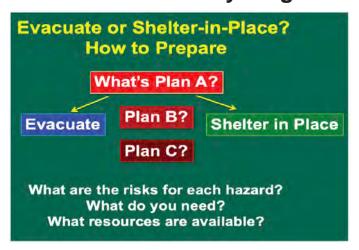
IF YOU HAVE EQUINES or COMPANION LIVESTOCK

- If you have equines or companion livestock or poultry, put a binder or file with this information in a safe place in the barn, garage or outbuilding.
- If you board your horses, make sure the barn manager has this information.
- Keep a copy in your vehicle glove compartment.





Your Emergency Action Plan: Have a Plan for Everything



PREP FOR EVAC AND SIP

Start by making or updating your personal and family Emergency Action Plan (EAP). If you're not safe you can't take care of your animals.

- · Include plans for everything that could effect your family, farm, or business.
- Have multiple places to go, ways to get there, and people to help you.
- Have more than one way to get emergency alerts, and to communicate with others.
- Make multiple hard copies
 - » 1 Copy with you.
 - » 1 Copy at home or barn for helpers or responders.
 - » 1 Copy with your vet or trusted out-of-area resources.
- Store all documents electronically.
- Also include a set of all animal insurance documents and Advance Care Directives in your vehicle.

YOUR ANIMAL EMERGENCY NETWORK

Develop your own personal network of animal helpers and evacuation locations.

- Include contact numbers and destinations info for your evac, transport and destination resources updated and quickly accessible.
- If you are a registered commerical livestock producer, your county or regional Ag contacts should be in your EAP.
- If your area has an Ag Pass Program, make sure your info and resources are current and registered with the authorizing agency. This may be the Ag Commissioner, Farm Bureau, or Extension Advisor
- If you are not a registered ag producer, local animal control may be the agency authorizing access inside mandatory evac zones.

Join or form a regional species-specific **Emergency Prep Group**

- Learn what training and credentials are required to access your animals if inside a mandatory evacuation zone.
- Collaborate as a group to create a directory of resources including: Communications, safe desitnations, panels, and other equipment needs, transport, water, and feed.

Your PPE

- Work boots & gloves
- Water
- Helmet & eye protection
 Meds & cash
- N95 and N100 masks

Sun & weather protection

Tool kit

IMPORTANT EMERGENCY CONTACTS

PERSONAL CONTACTS

- □ Transport & Hauling Resources
- Veterinarians
- ☐ Temporary Shelter Destinations- Include names, phone numbers, addresses
- Animal Control
- Animal Disaster Hotline Numbers (Where available)
- □ CART or Animal Evac Team (If relevant)

AG RESOURCES

If you qualify for access as an ag business, one or more of these will be important to include in your contacts.

- □ Ag Commissioner
- ☐ Extension Advisor
- ☐ Farm Bureau State Dept. of Agriculture

ANIMAL DISASTER + EVAC PREP

HALTER Project

HALTERproject.org rescue@halterfund.org

Local Animal Services

Santa Clara Animal Services: 831-454-7200 #1

Santa Cruz County Animal Control:

831-454-7224 After-Hours Emerg.: 831-471-1182

Santa Cruz County Animal Shelter: 831-454-7200

San Mateo County AC / Peninsula Humane Society:

650-340-7022

Palo Alto Animal Shelter: 650-496-5971

Palo Alto Police 24-Hour Dispatch:

650-329-2413

Humane Society Silicon Valley: 408-262-2133

Large Animal Assistance

Santa Cruz County Equine Evacuation Unit: 831-708-8998 Call 911 in an emergency

San Mateo Large Animal Evac Group: smclaeg.org
Call 911 in an emergency

EVACUATION PREP

When to Prepare: During Red Flag, Fire Weather Warning, Wind or Storm Advisory, and other weather alerts!

- Don't wait for Mandatory Evacuation Orders
- · Fuel and stage vehicles facing out
- Prepare safe space with lots of water for animals sheltering in place
- Disable electric gates & garage doors

For animals you cannot evacuate:

- Post signs listing animals & their locations on site
- Pets leave lots of water and an escape route
- · Make sure address is clearly identified
- Leave doors unlocked, hide a key, or take key to Animals Services

PREP YOUR ANIMALS

- Never leave animals locked in barn, shed, coop
- Prep equines by turning them out into a safe, defensible space – DO NOT TURN ANIMALS LOOSE near roadways where they can become hazards
- Make sure all animals wear ID
- Equines Remove halters, masks, blankets
- Put pets in a quiet, secure room while you prepare to go
- Put on collars, harnesses and leashes

YOUR ANIMAL EVAC RESOURCES

- Develop your own personal network of animal helpers and evacuation locations
- Line up help BEFORE you need it
- Know who to call, where to go, how to get there
- Practice loading animals in the day and night, with a variety of people and vehicles
- Have multiple plans for everything

LOAD & GO

GOES WITH YOU:

- Emergency contacts, vet records, animal ID with photos, microchip information
- Your Ready-kit, tools, first aid, meds, cash

STAYS WITH ANIMALS:

- Contacts, vet records, prescriptions, toys
- Advance Care Directive
- Enough feed, water, medications for min. 30 days
- Halters, ropes, collars, harnesses, leashes
- · Carriers, cages, sanitation, bedding
- Animal Ready-kits
- Animal-safe cleaning supplies

Make a Neighborhood Animal Evac Buddy Network & get to know each other's animals!

PLAN AHEAD FOR YOUR ANIMALS

Everything takes longer and requires more advance planning and time. Always have multiple options and lists of contacts ready, including:

- Pet-friendly motels, VRBOs/AirBnB, friends and relatives, campsites
- Have paper maps, highlighted with multiple routes in different colors
- Make sure pets are secured in cars so they can't jump out
- Make sure you have secure accommodations for pets at your Evac location! Many pets escape from Evac locations and are then lost in unfamiliar surroundings. Take extra precautions!

DO NOT

- Post animal help requests on unofficial Facebook or NextDoor platforms
- Cut fences without owner permission
- Post photos or videos of injured animals, or people rescuing animals.
- Attempt to rescue wild animals.

Evacuation and Transport Safety

Avoid dangerous travel conditions by moving animals BEFORE Evac Warnings or Orders are issued.

ANIMAL PREP

- Have animals confined for quick catch and load.
- Make detailed, current lists of loading order and of transport hierarchy, if you cannot move all at one time.
- Visible ID on every animal.
- Extra sets of halters & ropes for every equine, and for the relevant small ruminants.
- Practice with your team & your animals.



RIG PREP

- Do a safety inspection.
- Fueled up, hooked up, staged for safest loading and departure.
- Bedding removed and windows closed if you're traveling near wildfire.

Scan QR codes for detailed truck, trailer, and barn safety checklists.

ROAD or TRAILER ACCIDENT - WHAT TO DO

- Call 911
 - State LOCATION and SITUATION clearly
 - Ask for immediate equine veterinary assistance
 - > Ask if an ANIMAL TECHNICAL RESCUE TEAM is available
 - State number of vehicles and types
 - State number of animals
 - When help arrives stay focused and follow orders
 - Ask Scene Commander to minimize sirens, flashing lights, and bright lights shining directly into eyes of horses

DOCUMENTS

- · Animal insurance policy info, Agent, emergency number
- Animal ID & health info
- Owner & Proxy contacts
- Trailer Model info (may be very helpful to first responders!)

EMERGENCY & SAFETY KITS

- First aid for animals & people
- Reflector signs & vests
- Work gloves
- · Flashlights, headlamps, flashing lantern
- Thick cotton rope (2 x 20')





If using a commercial hauler: Make sure resource has contacts for insurance carrier and owner, and your directive for humane euthanasia.



UPDATED: 2-2025

SHELTERING IN PLACE: WILL YOUR ANIMALS BE SAFE ENOUGH?

- Is their home defensible?
- Irrigated or dry-lot pasture?
- How far from radiant heat sources are they?...heavy brush or timber, big barns, residences
- Secure, firesafe perimeter fencing?
- Safe, enclosed animal housing to reduce smoke exposure.



HOW SAFE IS YOUR PROPERTY?

- Will it be accessible after a fire or earthquake?
- If water or fencing is power-dependent, is there a backup source?
- Consider all potential hazards:
 - Wind-blown fire & embers
 - Health impacts of smoke





Credit: 564FirePhotos

EVAC OR SIP? ASSESS THE RISKS

Evac or SIP? Assess the Risks

- Human safety
- Infrastructure resilience
- Continuity of business operations
- Animal health
- Bio-Safety
- Product quality protection
- Public perception

Ranch Hazard Awareness

- Hay storage
- * Vehicles, fuel tanks
- Structures, EVs, battery storage
- Pressurized tanks, lithium ion batteries, chemicals
- * Trees, power lines
- Poor access, visibility, egress

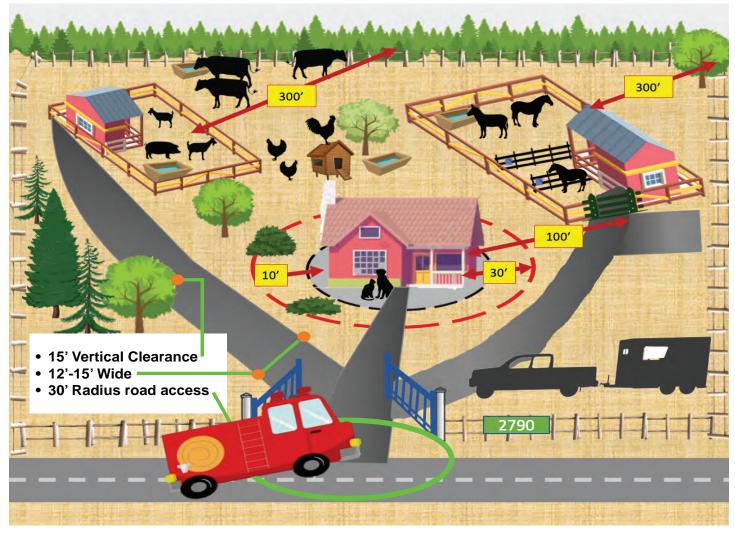
Barn Hardening Checklist

- No flammable clutter inside or outside
- Maintain structures, gutters, vents
- Add extinguishers, hoses & nozzles, sprinklers
- Smoke alarms, security cameras

Applies to equines and many other herd species. Keep written list updated. Include detailed ID info & photos. Review protocol often with staff, volunteers, and clients. Practice with haulers and barn staff. Never separate barn or pasture buddies. Never leave one of a pair or group alone.



DEFENSIBLE SPACE FOR ANIMALS



- ✓ Create a "LEAN, CLEAN and GREEN ZONE" by removing all flammable materials within 30' immediately surrounding structures.
- ✓ Keep animals as far as possible from brush and forest.
- ✓ Clear "stuff" next to buildings (furniture, tack boxes, supplies, etc.)
- ✓ Store hay, feed and bedding away from animal housing.
- ✓ Keep long hoses & nozzles in good shape and connected.
- ✓ Maintain safe property access for Emergency Vehicles!

HOW TO REQUEST HELP FOR ANIMALS YOU CANNOT EVACUATE:

9-25-24

If you are not able to evacuate some or all of your animals, call the Animal HOTLINE or Animal Control Emergency number.

- Call when you are safe.
- You can also ask a trusted friend, neighbor, or caregiver to call for you.

WHO HELPS THE ANIMALS?

- Authorized Animal Responders working with Emergency Services
- During evacuations, Sheriff Deputies will not be able to rescue animals, other than a Service Animal accompanying a human.

MAKE A SITE MAP OF YOUR PROPERTY

Contact 1: Name:	Phone
Contact 2: Name:	Phone
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1	
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	alsGeldingsStallionsMinis
Cattle: Quantity:	
Cattle: Quantity: Barn Cats: Quantity	Names
Cattle: Quantity: Barn Cats: Quantity Loos	
Cattle: Quantity: Barn Cats: Quantity Dogs: Quantity Loos Chickens / Poultry:	Names
Cattle: Quantity: Barn Cats: Quantity Loos	Names In kennels? Friendly?

PLAN AHEAD FOR POWER OUTAGES

PETS & PEOPLE

- Create a home cooling station for pets & people.
- Remember: Kids, people with special needs, pug-nosed cats and dogs, rabbits, and birds are all especially vulnerable to heat.
- Know what to do for people dependent upon medical equipment.
- Stock up on meds
 medical supplies.

EVERYONE

- Gas stations won't be open!
- EV charging won't be available.
- Stock up on fuel for generator.
- ATMs may not work; have cash on hand.
- Have good LED headlamps and laterns.

EQUINES & LIVESTOCK

- Automatic systems on PG&E will not function, including:
 - * Waterers
 - * Irrigation
 - * Fans & insect repellent dispensers
- Automatic security, gates, doors, alarms.
- Stable equipment: refigerators, sterilizers, washers, dryers.
- Fish pond aerators and filters.

WATER

Prepare for minimum of 7-10 days & high temperatures.

GALLONS REQUIRED PER DAY

People & Pets: 1-2

Equines: 15-20

Cattle: 9

Pigs: 2-4

Small Ruminants: 1

Poulty: 5 (per 100

Turkey: 12 (per 100)

COMMUNICATIONS

- Get a communications app or satellite phone.
- Have solar power source for charging cell phones, tablets, computers.
- Have extra batteries for everything!

GENERATOR SAFETY

- Does your permanent generator meet needs?
- Know the safety protocols for temporary generators!
- More info:
 - * pge.com Generator Safety
 - * SafeElectricity.org

ANIMAL DISASTER PREPAREDNESS + RESPONSE HALTERproject.org

FOOD SAFETY & WASTE MANAGEMENT

- Do you have an emergency plan?
- Will power outages impact your food storage, and/or waste management systems?
- Safe food storage...will you have enough capacity?

BIOSECURITY

- Be aware of current disease alerts and quarantines.
- Untrained helpers may unknowingly spread disease.
- Know how to contact authorized animal response resources.

PROPERTY ACCESS

- Know how to disable electric gates, garage doors, security systems.
- Have clearly marked entrance and signage throughout property.
- Provide access for emergency and evacuation vehicles, including: gates, trees, road and driveway conditions and adequate space for turnarounds.









FIRE WEATHER BARN ROUTINE

Prep on Fire Weather WATCH days.

Turn Prep Into Action at start of Fire Weather WARNING and RED FLAG periods.



Visit Cal Fire's "Ready, Set, Go!" web site or your local FireSafe Council or Firewise Community site for defensible space and property access guidance.

Your home, barn, property, and vehicles should be wildfire-ready before a Fire Weather alert is issued.

This checklist is focused on your equine, large animal and pet preparations.

- Confine animals where they can be caught quickly.
- Stage halters, lead ropes, leashes, crates and carriers for quick access.
- ✓ Make sure all animals have visible ID.
- ✓ Fuel up vehicles.
- Remove bedding from trailers.
- Review loading priorities.
- Prep trailer ties.
- ✓ Load truck copy of your AEP, including animal care sheets and current vax & health records (including Coggins, if needed).
- ☑ Load Go-Bags and First-Aid kits for people & animals.
- Load feed, water, equipment.
- ✓ Load your Personal Protection Equipment (PPE).
- Stage transport rigs for a quick exit, and turn around without having to back up.
- Check in with your helpers and destinations.
- Confirm reservations.
- Review travel routes with all helpers & haulers.
- Transport all top-priority animals during daylight and allow time to return rigs to barn before dark.





A Red Flag Warning is the HIGHEST level of warning

Red flag warnings signal critical fire weather conditions, requiring extreme caution with open flames. Critical conditions are ongoing or imminent.

RED FLAG SHELTER-in-PLACE PREP

If your Evacuation Plan includes sheltering some animals in place, complete all preparations BEFORE Fire Weather WARNING or RED FLAG begins.

More info at HALTER Project.org

SHELTER-in-PLACE CHECKLIST

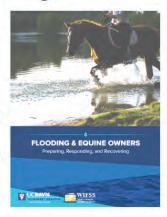
- Have animal refuge areas prepared.
- ✓ Leave extra halters & ropes for every equine in fire-resistant container.
- Store feed in secure fire-resistant containers 50' (minimum) away from animals.
- ☑ Remove halters, masks, wraps, sheets.
- Braid or trim tails up to hock length.
- ▼ Trim fetlock feathers.
- Check for loose shoes.
- ✓ Increase humidity in refuge area.
- Add water troughs, top off all.
- Secure troughs so they cannot tip over.
- Leave gates closed and unlocked.
- Turn all animals out, but never loose in close proximity to roads.
- Close barn and shed doors.
- Deactivate electric gates and fences.
- Notify Animal Services of animals on site.



Flood Prep Resources

Flooding & Equine Owners: Preparing, Responding, Recovering

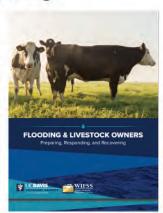
Flooding can be dangerous not only for horses but for ranchers and their employees as well. Six inches of moving water can topple an adult, and as little as 12 inches can sweep a vehicle off the road.



This pamphlet describes actions EQUINE owners can take to prepare.

Flooding & Livestock Owners: Preparing, Responding, Recovering

Flooding is the most common and costly disaster experienced by U.S. citizens. For livestock operations, structure damage and the loss of feed, animals, and genetic potential can be financially crippling.



This pamphlet describes actions LIVESTOCK owners can take to prepare.

Flood Injury in Horses

- Disease Prevention
- Response
- Triage & Medical Treatment
- Handling & Restraint
- Hoof Problems
- Ophthalmic Injuries
- Respiratory Disease
- Gastrointestinal Dysfunction





EQUINE Emergency Preparedness

Animal owners, and especially owners of horses and livestock, must rely on themselves to take care of their animals in a disaster. Make sure your emergency plan includes the following 10 points.



HALTER Project

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SCAN to DOWNLOAD ARTICLES!



Mrs. O'Leary's Cow may have gotten a bad rap but the folktale reminds us fire safety is an important part of farm life. People, animals, and property are in danger when fire breaks out on the farm. Inspect your barn and outbuildings for fire hazards to reduce the risk of tragic loss.

- Heat lamps and space heaters are kept a safe distance from anything that can burn.
- ✓ Heaters are on a sturdy surface and cannot fall over.
- Electrical equipment is labeled for agricultural or commercial use.
- All wiring is free from damage.
- Extension cords are not used in the barn.
- Lightbulbs have covers to protect them from dust, moisture, and breakage.
- Damage is identified quickly and repairs are completed with safety in mind.
- Dust and cobwebs around electrical outlets and lights are removed.
- Oily rags are stored in a closed, metal container away from heat.
- Feed, hay, straw, and flammable liquids are stored away from the main barn.
- ✓ The barn is a smoke-free zone.
- Exits are clearly marked and pathways are clear.
- ✓ Fire drills are held frequently with everyone who uses the barn.
- Workers are trained to use fire extinguishers.
- Everyone in the barn knows personal safety is the first priority if a fire breaks out.
- ✓ Hazard checks take place on a set schedule.

Required Equipment

The following safety equipment may be required by local building codes and will help protect your barn. Install and maintain:

- ABC-type fire extinguishers near every exit and within 50 feet from any point in the barn.
- Fire alarm system
- Sprinkler system
- Carbon monoxide detection system



Talk with your local fire department to address safety concerns unique to your farm.

Go to www.nfpa.org/farms to learn more about fire safety on the farm.



NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards



Ministry of Agriculture, Food and Rural Affairs

Spontaneous Combustion and Hay Fires

Lives have been lost and hay crops destroyed because of fires caused by spontaneous combustion. This year has been particularly bad for hay heating due to the hot humid weather. If the hay crop is put into the mow above 20-25% moisture content, spontaneous combustion may occur.

A hay crop that is placed too wet into a mow will heat rapidly. If the mow is so large that heat loss is restricted, the internal temperature will rise. As the temperature rises above 130°F (55°C), a chemical reaction occurs and may sustain itself. This reaction does not require oxygen, but the flammable gases produced are at a temperature above their ignition point. These gases will ignite when they come in contact with the air.

Check your hay regularly. If you detect a slight caramel odour or a distinct musty smell, chances are your hay is heating.

What do you do if you suspect that your hay is heating? First of all, make yourself a simple probe that can be inserted into the hay mass to check the temperature. A probe can be made from a 10 foot piece of electrical tubing. Rivet a hardwood pointed dowel to one end and drill 8 - 3/16 inch diameter holes in the tube just above the dowel. Drive the probe into the hay mass and lower a candy thermometer on a long string into the probe. The thermometer should be left for 10 minutes to ensure an accurate reading.

Watch for the following temperatures:

150°F (65°C) ** **Entering the Danger Zone.** Check temperature daily.

160°F (70°C) ** **Danger!** Measure temperature every four hours and inspect mow.

175°F (80°C) ** **Call the Fire Department!** Wet hay down and remove from the barn.

185°F (85°C) ** **Hot Spots and Pockets May be Expected.** Flames will likely develop when heating hay comes in contact with the air.

212°F (100°C) **Critical!** Temperature rise is rapid above this point. Hay will almost certainly ignite.

Caution: Before entering the mow, place long planks on top of the hay. Do not attempt to walk on the hay mass itself. Pockets may have already burned out under the hay surface. Always tie a rope around your waist and have a second person on the other end in a safe location to pull you out should the surface of the hay collapse into a fire pocket.

Extreme caution should be taken when fighting a hay fire if hay has been treated with chemical preservatives. Hay treated with preservatives containing ethoxyquin and BHT (butylated hydroxytoluene) will produce hydrogen cyanide gas at around 240°F (115°C). This gas is very deadly. Additives containing primarily propionic acid to not produce hydrogen cyanide during a fire.

Many farmers sprinkle salt on hay as it is stored, in an effort to prevent hay fires. However, tests have shown that salt has no effect on controlling spontaneous combustion. Dry ice, liquid nitrogen or carbon dioxide gas pumped into the hay will prevent combustion by eliminating the oxygen from the hay mass.

Spontaneous combustion is not an accident. By following good storage practices, not only will spontaneous combustion by avoided, but a higher quality of hay will be obtained.

For more information:

Toll Free: 1-877-424-1300

E-mail: ag.info.omafra@ontario.ca

Barn and Property Safety Checklist

Item	OK	To Do	Shopping List
Around the Property			4
Check perimeter fencing and gates. Do you need to replace boards and wires? Is gate hardware in good working order? Do the gates drag on the ground?			
Do you need to remove any fallen branches, stumps and debris? Look for broken branches on trees and shrubs that are low enough a horse may run into it and cut or impale themselves.			
Check for poison plants.			
Check for overgrown bushes that may block gates.			
Is your address clearly visible on the street for easy access of emergency services?			
Check jumps and other equipment in your arenas. Make sure nothing has broken or come loose. Screws may work loose over time.			
Check water troughs and feeders for damage.			
Check drainage pipes for sharp edges.			
Run-In Sheds - Check the buildings over all condition, look for nails and other sharp objects. Erosion may cause gaps to form where a horse could catch a leg or hoof.			
Around the Barn			
Make sure debris, combustible material and weeds are cleared 30 feet from structures for fire protection			
Check barn structure. Is there damage to posts, beams or walls? Is the roof in good condition?			
Do the outside electrical outlets and switches have waterproof covers?	* *		
Wash areas should be free of clutter and any shelves should be high enough that a horse will not hit the shelf.			
Are fire extinguishers in working order? Place fire extinguishers in all buildings. In large facilities, place fire extinguishers every 40 ft.			
Inspect all wiring. Older wiring may have damage from weather or rodents.			
Check all electrical cords. Appliances and equipment should be unplugged when not in use.			
Are there cobwebs and dust accumulating behind refrigerators and other appliance, around lights, near electrical sources? If so, clean the area.			

Barn and Property Safety Checklist

Grain and supplements should be stored in	
metal cans and lids secured with a bungee cord	
to prevent rodent infestation. This will also keep	
that escaped horse from gorging on grain.	
Hay & Shavings Storage. Whenever possible	
store these in a separate building. Storing hay in	
a well ventilated loft is preferable to the floor. If	
you store hay on the floor, place it on pallets or	
skids as far from stalls as possible. Keep the	
area clean.	
alea clean.	
Are aisle ways clear of clutter? Any items stored	
in the aisles should be placed on hooks high	
enough that a panicked horse will not injure	
himself. Tack boxes and other items on the floor	
should not prevent stall doors from opening.	
should not prevent stall doors from opening.	
Check stalls for damage to wood surfaces,	
broken or cracked feeders, protruding nails.	
Check the floor for damage or uneven surfaces.	
Look around the bottom of stalls for areas that	
may be hazardous when a horse rolls.	
17.1	
Observation and describe the Market and describe the M	
Check latches and door knobs. Are they in good	
working order? Do they pose a hazard? Will	
tack or horses be hung up on them?	
Check floors for standing water, slick surfaces	
and uneven areas.	
Look for and destroy any wasps nests	
Look for and desdey any wasps nests	
Throw away old medications. Remember if you	
did not use all of that antibiotic, etc. you should	
not keep it around. When in doubt, ask your vet.	
Thousand, What it doubt, ask your rec	
Check first aid and emergency supply kits. Do	
you need to replenish supplies? Throw away	
expired over the counter medications and	
replace as needed.	
Are emergency numbers and information posted	
near the phone or in the barn aisle? Is the	v v
information up-to-date?	
and the second	
Boarding facilities should have safety rules	
clearly posted.	
Do you have "No Checking" signs posted?	
Do you have "No Smoking" signs posted?	



Minimizing Wildfire Risk on Horse Properties



Wildfire is a very real concern for horse owners, especially with a warming planet and for those who live in the dry climates of the American West. Extreme temperatures, limited summer rainfall, strong winds, and lightning storms all lead to high fire danger. Windblown embers from a nearby fire can travel a mile or more, landing on and igniting buildings or other combustibles and putting you and your horses at risk. This checklist will help you identify and reduce wildfire threats on your horse property, farm, or ranch.

Create defensible space around important structures

Defensible spaces are areas that are landscaped and maintained to reduce fire danger by keeping vegetation and combustibles to a minimum. Having a defensible space reduces the risk that fire will spread to or between structures on your property, and provides firefighters and emergency officials with a safer defense point should you have a fire. A minimum defensible space of 100 feet is recommended for homes and outbuildings on flat ground. Because fire acts differently on hillsides, defensible space for structures on sloped sites should be at least 200 feet.

☐ Choose firewise landscaping

Choose landscaping plants that have high moisture content, high salt or soap content, low-growing/ compact growth, low oil or resin content, green stems, small leaves, or high drought tolerance. Visit https://thehorse.com/135408/firewise-landscaping-for-horse-properties for examples.



☐ Remove flammable yard decorations

Replace wooden patio furniture, brooms, flower boxes, flammable doormats (such as the popular coconut mats), and other combustible items with non-flammable varieties made out of metal or ceramic.

Opt for non-flammable fencing

Not only will wooden or plastic fencing burn in a fire, but it can draw a fire right to your barn. Replace flammable fencing with non-flammable options such as metal panel fencing or welded pipe.

☐ Replace combustible siding or roofing

Cedar shake shingles, wood, vinyl, and plastics can all catch fire easily. Replace combustible roofing and

MINIMIZING WILDFIRE RISK ON HORSE PROPERTIES

siding with non-combustible options such as metal, tile, brick, or adobe. Green roofs are also an excellent option with the added conservation benefits of slowing water runoff, conserving energy, improving air quality, reducing noise, and providing wildlife habitat.



\square Clear weeds and debris

Weeds like cheatgrass are extremely flammable when dry. Remove weeds through grazing, mowing, prescribed burning, or herbicide use. Keep vegetation that is within 100 feet of structures grazed low and green during fire seasons. Regularly clear leaves and other debris out of your gutters, off of your roofs, and away from the base of each structure. Check rafters for cobwebs, which can trap dust and flammable debris.

\square Store combustible items away from important structures

Hay, bedding, large manure piles, and livestock feed should be stored away from stables in a dry, covered area. Maintain a 12-30 foot firebreak of cleared land such as a gravel driveway, concrete pad, or dirt path between storage areas and other structures. Keep propane and other fuels 30 feet from buildings, wood fences, and other structures. Regularly clean up wind-blown debris or weeds that accumulate in these areas.

☐ Practice basic barn fire safety

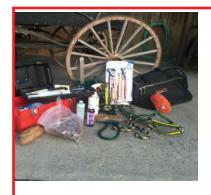
Inspect electrical systems and replace damaged wires. Install smoke detectors and replace batteries every six months. Keep fire extinguishers next to doorways in barns and in vehicles and tractors. Keep barn aisles and doors clean and free of obstruction to provide quicker access in an emergency. Post important phone numbers (barn manager, vet, etc.) and your barn's street address next to the phone for easy reference when communicating with emergency personnel.

Prepare for emergency response personnel

Post your address at the entrance to your property in a spot that's clearly visible from the road. Make sure fire trucks and emergency vehicles can access your property by checking for overhead utility lines, tree branches, ranch gates or signs, rocks or other landscaping, or other potential obstructions.

Remember: Even with the best defensible spaces, sometimes evacuation is the best option when wildfire is imminent. Planning and preparing for an emergency evacuation ahead of time will help keep everyone safe. Refer to Horses For Clean Water's FREE Firewise Evacuation Checklist for help creating your evacuation plan *before* the threat of wildfire becomes real.

http://www.horsesforcleanwater.com/tip-sheets/firewise-evacuation-checklist





EQUINE READY-KIT

First-aid kit with EVERYTHING Hoof care tools Climbing rope Extra halters & lead ropes Long butt-rope Fly spray & stick Leg wraps Fly masks Liniment **Treats** Towels, assorted buckets Slow-feed hay nets Feed & water in trailer & arena 1 gal. metal can w/handle EZ boots Vicks in a tube 1 mane-tail comb 1 coat brush Fly sheets in a vacuum bag Hose, nozzle

HALTER Project





EQUINE ID

- Use multiple forms of ID
- Micro-chip! Keep updated!
- ManeStay ID tags, halter wraps w/ contact info
- Livestock ear tags & markers
- Livestock crayons and paint
- ID Tags & Markers
- Reflective neck and fetlock bands
- Giant markers
- Duct Tape (Reflective or Neon)
- Registration, Vet Records
- Emergency Contacts
- Medical Directives: What to do and amount of expense approved
- White Board listing all animals & locations
- Photos of you with your pets and equines





HALTERPIOLE R Project
HALTERPROJECT. org/preparedness
rescue@halterfund.org

EQUINE & STABLE READY KIT

- **FOOD & WATER**
- Sharpie, pen, paper
- **Grooming supplies**
- **Buckets / Feed bins**

Towels, Blankets

- Hoof pick, shoe puller, twitch
- shovels, wire cutters Tarps, hammers,
- Utility ropes, zip ties,
 - Ammonia reduction carabiners product
- Chlorine bleach
- Rescue, Intervention) Disinfectant (Accel,
 - Dawn detergent
- Scrub brush, sponge
- Hose and nozzle
- Heavy duty trash bags ☐ Gloves & muck boots
- blankets or other flammable ☐ Fly masks, sheets (Note: یDo not shelter in place or transport with fly mask, items on animals!)

- □ Emergency Plan
- Microchip, brand info Proof of Ownership,
- Vet contacts

days

- Health records
- Pet insurance docs
- **Medical Directives**
 - Photos with you and your pets
- Headlamp, hanging **LED** lantern
- Slow feed hay net
- Animal marking crayons
- Portable generator
- & fuel
- Charging devices
- Nitrile gloves

WATER

SALLONS REQUIRED / DAY

- **HUMANS 1-3**
- **EQUINES 15-20**
- CATS & DOGS 1
- CATTLE 9
- PIGS 2-4
- TURKEY 12 (/100)
- SMALL RUMINANTS 1

- BASIC FIRST AID KIT EQUINE/LIVESTOCK
- days; if sheltering in ☐ FOOD: Minimum 7 place minimum 10
- WATER: Minimum 10 days if sheltering in place or power outage
- Leather & cotton halters
- Lead ropes
- Current medications,
- supplements, treats
 - Calming meds Pain meds
 - - lodine
- Saline
- Rubbing alcohol
- Menthol rub
- **Butterfly closure tape**
- Antimicrobial wound spray
- **Antimicrobial Bandage**
- Eye irrigation solution
- Brown "cling" gauze
 - Self-adhering wrap

- cheesecloth □ Honey and
- Poultice / Epson Salt
 - **Duct Tape**
- Telfa non-adherent pads
- Porous elastic adhesive tape
- Bandage scissors Stable bandages
- Penlight / flashlight
- Rectal thermometer
- Stethoscope

Electrolytes

- Cold packs
- Splinting materials
- Syringes
- **Easy Boots**

HAVE MULTIPLE INFORMATION **WAYS TO** RECEIVE

- LOCAL ALERTS
- NATIONAL WEATHER SERVICE
- PHONE APPS
- SATELITE RADIO
- WALKIE-TALKIES



Normal Vital Signs California Veterinary Emergency Team

Overall Demeanor	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)	Bright, alert, responsive (BAR)
Gastrointestinal	Soft, non painful	Soft, non painful	Soft, non painful	Soft fluctuant crop	Gut sounds in all four quadrants	Rumen contractions + soft rumen	Rumen contractions + soft rumen	3-4 rumen contractions/min	Rumen contractions + soft rumen	Soft, non painful
Capillary Refill Time	<25	<2s	<2s	<25	<2s	<25	<25	<2s	<25	<2s
Mucous	Pink/moist	Pink/moist	Pink/moist	Firm red comb	Pink/moist	Pink/moist	Pink/moist	Pink/moist	Pink/moist	Pink/moist
Temperature (°F)	100.0-102.8	100.0-102.5	100.4-105	105-109.4	Adult: 99-101 Foal: 99-102	Adult: 101.5-103.5 Kid: 102-104	Adult: 102-103.5 Lamb: 102.5-104	99-102	Adult: 100.5-102.5 Calf: 101.5-103	101.5-103.5
Resp Rate (breaths/min)	10-30	20-30	20-60	15-30	Adult: 8-15 Foal: 20-40	Adult: 15-40 Kid: 40-65	Adult: 12-72 Lamb: 30-70	10-30	Adult: 12-36 Calf: 30-60	30-50
Heart Rate (beats/min)	Small: 100-160 Medium: 60-100 Puppy: 120-160	100-140	120-150	140-250	Adult: 28-44 Foal: 50-70	Adult: 70-110 Kid: 120-160	Adult: 60-120 Lamb: 120-160	06-09	Adult: 40-80 Calf: 100-140	70-120
Species	Dogs	Cats	Rabbits	Chickens	Horses	Goat	Sheep	Llama/Alpaca	Cattle	Pigs

California Veterinary Emergency Team, University of California Davis Vitals Chart Last Updated September 2023

Suggested Equine Drug Kit

This information was provided by an equine veterinarian to assist in the understanding of various prescribed medications for equines for other other large animals and small ruminant species. ALWAYS check with your vet before administering and medication,.

- Acepromazine is a tranquilizer. This means that it will have a calming
 effect on the horse but will do nothing to control pain. Effect is dependent
 on dose amount as well as the horse's adrenaline levels at the time of
 administration. Generally, 2-3 cc intramuscularly in a 1000 lb. horse with
 a 20–30-minute quiet waiting period post-injection will achieve a desired
 effect. DO NOT USE IN STALLIONS.
- **Banamine** is a non-steroidal anti-inflammatory drug. It is used for fever, swelling, pain from colic, eye trauma, laminitis, or laceration.
- **Betadine** solution is a non-detergent broad spectrum antiseptic agent used to disinfect wounds, skin, and non-biological surfaces. It effectively kills bacteria, fungi, and viruses.
- **Bute** is a non-steroidal anti-inflammatory drug. It is used for fever, swelling, pain from colic, eye trauma, laminitis, or laceration.
- Fura/1 (Furazone) Aerosol Spray is a topical antiseptic aerosol spray power used for large open wounds.
- Nitrile disposable gloves are a comparable alternative to latex gloves.
- Silver Sulfadiazine Cream is a topical cream that is safe and effective for wounds and burns. It has broad spectrum topical antibiotic.
- **SWAT** is a fly repellant ointment that is safe for use on and around the edges of open wounds.
- **Triple Antibiotic Ophthalmic Ointment** is a broad-spectrum antibiotic ointment that is formulated to be safe for use in eyes.
- Xylazine (Rompun) is a sedative, meaning that it will have a calming
 effect on a horse as well as provide potent pain relief. When working on
 painful eye trauma, leg trauma, wounds, or managing colic pain, xylazine
 is a useful aid. It also can be used to help handle and load fractious
 horses. The effect is dose dependent.
 - Generally, 2-3 cc intramuscularly in a 1000 lb. horse with a 15-minute quiet waiting period post-injection will achieve a desired effect.

Pet ID

& Reunification

If you and your pet are separated, good ID, photos, and records will help you reconnect faster and more safely.

Microchipping is the BEST way to help you and your pets reconnect. Report your missing pet to local Animal Services and/or Helpline. Post missing pet info on agency, social media, and local neighborhood social media.

- ✓ Have multiple forms of identification -- and keep them all updated!
- Collar or harness with pet name and your contact info
- ✓ Microchip
- Vet records, registrations
- ✓ Personal & emergency contacts
- ✓ Photos of you with your pets
- Advance Medical Directive for your pets: What to do and approved expenses
- Post a sign on window with info about animals inside







Pet Supplies,

Go-Kits & Stay-Crates

Supplies and Ready-Kits should be easy to grab and go. Keep them where they are safe and accessible in an exteded emergency.

- ✓ Refresh food & medications regularly
- ✓ WATER, FOOD, MEDS:
 - 5-7 Days if evacuating
 - * 30 Days, if possible, if sheltering in place
 - * Water purification products

✓ PET-SAFE CLEANING PRODUCTS

- * Use unscented when possible.
- * If using alcohol, bleach or hydrogen peroxide products, MUST allow to air-dry COMPLETELY before pet use.
- * Put newspapers under pee pads for extra cushion and easier cleanup
- ✓ Pet carrier & folding wire cage
- ✓ Vet records, prescriptions and dosage
- ✓ First aid kit, grooming supplies, baby wipes
- Saline solution or wipes to clean eyes, face, mouth, paws, minor wounds
- ✓ Travel bowls, can opener, fork, plastic lid
- ✓ Cooling pads, ice packs
- ✓ Lightweight blanket, sheet or towel to give pets privacy, security, warmth in crates
- ✓ Kennel pads, poop bags, diapers
- ✓ Newspapers, disposable litter pans & litter
- ✓ Trash bags, rubber gloves, sanitizer
- ✓ Sheets & towels for pet privacy & bedding
- Calming aids, Thunder Shirts
- Large pillow case (Makes good temporary carrier for cats, birds, reptiles)
- ✓ Flashlight, charger, radio, batteries
- ✓ Your PPE, cash, glasses, meds

EARTHQUAKE & TSUNAMI SAFETY TIPS for Animals Owners

DURING A QUAKE

- If you are able Drop, Cover, Hold On! Protect your head.
- If you are not able to drop: stay put, and protect your head.
- Do not try to hold onto your pet.

AFTER A QUAKE

- Turn on your radio.
- Secure pets.
- Put collar/harness & leash on pet.
- Turn equines & livestock out in case of aftershocks or tsunami.
- Move to safest place in your home or outside.
- Clear floor of glass, wipe or cover spills.
- Check home and barn for damage.
- Check water supply.
- Smell and listen for gas leaks.
- If you smell gas do not light a match or click on a flashlight.
- If you smell gas leave immediatly.
- Barns & water tanks may be compromised.
- OUTDOOR HAZARDS: Utilities, powerlines, trees, roads, bridges, ground insibility.

Tsunami, Flash Flood, Debris Flow

- Take alerts and forecasts seriously.
- If you receive a tsunami alert, leave immediately.
- Conditions can change suddenly.
- Move yourself and animals during Weather Watch.

Never leave animals tied, chained, or locked indoors.



RESOURCES

EarthquakeCountry.org

weather.gov/safety/tsunami

HALTERproject.org/ preparedness-resources

APPS

MyShakeEarly Earthquake Warning

Follow usgs.gov on Instagram and/or FaceBook









CAR AND TRUCK READY-KITS

- ✓ Water (packs, jugs, Camelback)
- ✓ Purifier straw & tablets
- ✓ Buckets, hose, nozzle
- ✓ Tarps, foil blankets, ponchos
- **✓** Boots and socks
- Multi-season clothes
- ✓ Underwear
- ✓ Nitrile gloves
- ✓ Work gloves
- ✓ Potty bucket & liners
- **✓** Disinfectant & Chlorine Bleach
- ✓ Antibacterial soap, wipes, TP
- ✓ N-95 Masks & safety eye wear
- ✓ Food kit
- ✓ NOAA Radio
- **✓** Satellite phone/Beacon locator
- **✓** Buckets, spray bottles, sponge

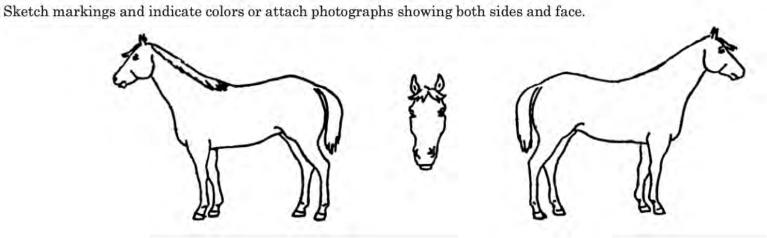
- **✓** Vehicle Safety Checklist
- **✓** Loaded gross weight verification
- **✓** Fire Extinguisher
- **✓** Chargers (several kinds)
- ✓ First-aid kit
- ✓ Generator and fuel
- ✓ Chain & hand saws
- ✓ Bolt & wire cutters
- **✓** Reflective Duct Tape
- **✓** Safety Cones
- ✓ Wheel chocks, jack, crowbar
- **✓** Jumper cables, vehicle charger
- ✓ Whistles & flares
- ✓ Headlamps, lanterns
- **✓** Safety vests
- **✓** Flashlights & batteries
- ✓ Solar charger
- ✓ Small toolkit, knife, scissors
- ✓ Store batteries & chargers per directions



SPECIES:BREED:	
COLOR: SEX: Mare Gelding Stallion	STALL/PEN #
OWNER NAME	
PHONE 1 PHONE 2	
EMERG. CONTACT NAME	
PHONE	
VETPHONE	
ANIMAL IDENTIFICATION	
MICROCHIP NUMBER	
BRAND / TATTOO Circle Location: Neck Hip Lip Other	
MARKINGS (Blaze, Sock, etc.)	РНОТО
FEED	
HAY A.M. NOON. P.M.	
GRAIN A.M. NOON. P.M.	
ADDITIONAL INSTRUCTIONS	
NOTES	BUOTO
	РНОТО
NOTES	
NOTES NEEDS MEDICATION	

ANIMAL INSURANCE INFO - Policy Number

OWNER'S VEHICLE(S) LICENSE PLATE(S)



*	TRAILERS THIS HORSE		STEP-UP:	Y/N/?	STRAIGHT L	OAD: Y/N /?
	WILL GET I	N:	RAMP: Y/N	/?	? STOCK TRAILER: Y/N /?	
ET	VICES:	Late	X Title			
SAF	IS YOUR SAFE TO TE		E? Y / N		GOOD W/OTHER HORSES? Y/N	
	HORSE?	. (* 3. ? 2. ° 4)		SAFE IN Y / N	PADDOCK?	REQUIRE STALL? Y / N
2	EFERRED EV		H			

EQUINE VITAL SIGNS

Info provided by CVET

MUCOUS MEMBRANES

moist, pink

CALL YOUR VET IF:

tacky, white, red, or blue/purple

CAPILLARY REFILL TIME

<2 seconds

CALL YOUR VET IF:

> 3 seconds

TEMPERATURE

99-10°F

(37.2 - 38.3°C

CALL YOUR VET IF:

>102°F (38.8°C)

HEART RATE

28 -44 (bpm)

CALL YOUR VET IF:

> 48 bpm at rest (if not stressed)

RESPIRATORY RATE

10-24 breaths/min CALL YOUR VET IF:

increased respiratory effort or >28 bpm at rest

NOTE: These values are guidelines. Always take into account the other variables that may be affecting your horse's health and call your vet if you are concerned about your horse's comfort level.

GUT SOUNDS

gurgling

(at least one sound/min)

CALL YOUR VET IF:

no gut sounds

Knowing the normal values for you horse's vital signs can help you and your veterinarian respond quickly when your horse is sick. Keep in mind that values may vary with extreme weather temperatures, strenuous excercise and stress.





EMERGENCY KIT

- Stethoscope
- Digital thermometer
- Bandage scissors
- Headlamp
- Clean examination gloves
- Neosporin or topical antibiotic wound spray
- Banamine paste (consult your DVM)
- Triple Antibiotic Eye ointment (consult your DVM)
- Antibiotic soap or scrub (consult your DVM)
- Dexamethasone 10 mg packet or injection (consult your DVM)
- Sterile Telfa pad
- Cling gauze
- Vet wrap
- Roll cotton or pillow wrap
- Elastikon tape 4"
- Medium baby diapers (2)
- Duct Tape
- Bottle of sterile saline (wound irrigation)
- Bic Shaver
- Easy boot or Davis boot
- · Box or bag to store contents
- Luggage tag with your ID/contact information
- Note Card inside with Expiration dates of meds
- Pet Identification sheet for each horse- with recent photo of equine, contact info, DVM info,
- Diet, Meds, Behavioral notes. Copies of those should also be hung in barn.
- · Recent vaccination printout from your DVM
- Small notebook and pen
- Spare pair of readers (if applicable)

ANIMAL EMERGENCY PLAN

For Pets, Equines, Backyard Livestock

INSTRUCTIONS

- Keep a copy with your important records.
- Put a copy where helpers
 * responders can see it.
- Give a copy to an animal caregiver.

Pet's Name:	
Pet's Description:	
Medical Information	
Veterinarian's Name:	
Address:	
Email:	Phone:
Pet Allergies:	· · · · · · · · · · · · · · · · · · ·
Special Diet Needs:	
Medication:	Dose:
Medication:	Dose:
Attach copies of pet's vaccination recor	ds and a photo of your pet to this plan
EMERGENCY CONTACTS	
Name:	Phone:
Name:	Phone:
EMERGENCY SHELTERING INFORMATIO	ON
For public health reasons, many emergency shelter accept pets in your area for short-term emergencies options could include boarding kennels, veterinarian	s and 2 long-term pet boarding options. Long-term
Hotels/Motels:	
Name:	Rate:
Address:	Phone:
Name:	Rate:
Address:	Phone:
Boarding Options:	
Name:	Rate:
Address:	Phone:
Name:	Rate:
Address:	Phone:

Update your Animal Disaster Plan, Ready Kit, and emergency supplies once a year.





Advance Health and Final Care or Pets

In the event of my death, or incapacity to act, I want the following plan for the care and safety of my pet(s) to be implemented.



Pet's Name	Spe	ecies Age	Gender
I would like my pe	t(s) to be:		
☐ Placed in an app	propriate home by this res	scue organization:	
□ Surrendered to to o A copy of this □ Euthanized, cred □ Placed with fam	document is on file with the SPCA, local humane so document is on file with the mated, buried/remains distily or friends, as listed belenamed has a copy of this	society, or pet rescue this organization. sposed of with me, as low.	
Name	Address	Phone	Relationship
Veterinarian Inf	ormation		
Name		Phone_	
Address			
City		State _	Zip
o A copy of this do	ocument, and my pet(s) re	ecords are on file with	my veterinarian.
Pet Owner Signatur	re		Date
Witness			Date

IN CASE OF EMERGENCY

_____ of DOGS

ANIMAL	HALTER
CONTROL	Project
Phone #:	LEADING RESIDENTS TO SAFETY & PREPAREDNESS
	HALTERproject.org

ANIMALS MAY BE INSIDE THE HOUSE, **BARN, OR COOP**

# of CATS	
#of CATS Names:	
BARN/OUTSIDE CATS, DOGS # of Cats # of Dogs # of Other	
LIVESTOCK / POULTRY SPECIES & LOCATIONS	
OWNER:CELL:	
EMERG. CONTACT: CELL:	

PET(S) NAME(S) & INFO: