



## Temporary Sheltering

*Equine*



## Situations


- Natural Disasters
  - Displacement
  - Rescue
- Animal Health Emergency
  - Quarantine
  - In-transit



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## Assessment and Planning

- Location and facilities
- Animal requirements
  - Food, water, bedding
- Supplies
  - Cleaning
  - Administrative
- Waste management
- Security
- Personnel



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## FACILITIES

- Containment
- Facility Setup
- Waste Management
- Special Needs

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## Shelter Requirements


- Containment
  - Sturdy fencing, pens, stalls
  - Check for sharp objects
- Shelter from elements
- Temperature control
- Ventilation



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## Shelter Requirements

- Wood chip or straw bedding
- Waste disposal
- Isolation areas
  - Sick animals
  - Disease quarantine
- Special care
  - Mothers with offspring
  - Young animals



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### Possible Shelter Sites

- Sites
  - Fairgrounds
  - Rodeo arenas
  - Public lands
  - Sale barns
  - Feedlots
  - Fenced pastures
- Get proper permission for shelter use
- Shelters built on-site
- Sturdy panels, stalls, and gates

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### Supplies


- Animal supplies
  - Halters, lead ropes, buckets
- Cleaning supplies
  - Buckets, shovels, stall forks, rakes, wheelbarrows, hoses
- Administrative supplies
  - Computer, paper, pens, paperwork forms
  - Document labor and supplies



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### Transportation


- All-weather surface road
  - Two lane
  - One way traffic flow
- Unload animals at distance from the shelter
- Vehicles left at shelter should be cleaned and disinfected



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### Equine Housing

- Proper stocking densities
- Separate animals based on:
  - Gender, herds, species
  - Mothers with offspring, pregnant mares
- Permanent identification
- Isolate sick



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### Waste Management

- Prompt removal of waste
- Daily cleaning of stalls
- Equipment should be cleaned and disinfected after use
- Separate equipment should be used for isolation animals



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### ANIMAL REQUIREMENTS

- Food and Water
- Isolation Areas
- Safety and Security
- Veterinary Care
- Handling

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### Animal Care

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- Feed
  - 1-2% of body weight
  - Hay or grass pastures
    - 20 pounds hay/1000 pound animal
  - Be aware of grain provided
- Water
  - 5 gallons water/1000 pound animal
- Monitor all feed and water intake

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### Isolation Areas

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- Kept separate from other animals
- Keep isolation areas at a distance from main shelter areas
- Biosecurity
- Utilize proper disposal methods for dead animals



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### Safety and Security

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- Can be dangerous in stressful situations
- Only allow experienced volunteers to handle horses
- Keep up with shelter security once the shelter is established




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### Veterinary Care

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- Examine animals upon entry and exit from shelter
- Isolate sick animals
- House animals based on when they entered the shelter
- Educate volunteers on disease symptoms




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### Equine Handling

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- Herd animals
- Elevated stress
- Handlers must have experience with equine animals
- Stressed animals become unpredictable



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### Resources

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- AVMA Disaster Preparedness and Response Guidebook
  - [http://www.avma.org/disaster/emerg\\_prep\\_resp\\_guide.pdf](http://www.avma.org/disaster/emerg_prep_resp_guide.pdf)
- Basics of Feeding Horses: Feeding Management. University of Nebraska-Lincoln Extension
  - <http://www.ianrpubs.unl.edu/pages/publicationD.jsp?publicationId=914>
- Emergency Treatment and Management of Horses Under Hurricane Conditions. Mississippi State Extension.
  - <http://msucares.com/pubs/infosheets/is1713.pdf>

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