Community-Based Emergency Management

ALL DISASTERS HAPPEN LOCALLY

SMART
STATE of MASSACHUSETTS ANIMAL RESPONSE TEAM
Why Are We Included?

- Part of the **WHOLE COMMUNITY**
- Partners on the Emergency Management Team
- Failure to include animals can derail the best plan
Opening a Shelter is a lot of Work!

Other options??

• Veterinary Hospitals
• Boarding Facilities
• Pet Friendly Hotels
• Shelters
Safety of Pets in Disasters
Senate Bill 1172

• Amends existing Civil Defense Laws of 1950
• Any emergency plan of operations shall include strategies to support the needs of people with household pets, and the needs of the household pets under their care
IT’S ALL ABOUT...

PEOPLE AND
PUBLIC SAFETY
Why are we included?

The Human-Animal Bond:

• Is a mutually beneficial and dynamic relationship between people and animals that is influenced by behaviors that are essential to the health and well-being of both.

• This includes but is not limited to emotional, psychological and physical interactions of people, animals and the environment.
Why Do We Need to Include Animals?

• Animal sheltering in a disaster is a **public health and safety issue**.

• While the principal concern of emergency management is about the safety of people, it is recognized that protecting pets and livestock helps safeguard the residents of the community.
Types of Pet Shelters

Temporary shelter
May not be in close proximity to human shelter

Animals are cared for by members of a sheltering organization and volunteers until the animals can be returned to owners

Co-location shelter
In the immediate vicinity of the human shelter

Requirement of owners’ involvement in their pets’ care
Companion Animal Sheltering

- **Co-location Shelter**
  - In the immediate vicinity of the human shelter
  - Requirement of owners’ involvement in their pets’ care

- **Co-location Shelter Advantages**
  - Contact between people and their pets is beneficial, and providing interaction helps promote a healthy environment
  - The shelter needs fewer volunteers
Companion Animal Sheltering

Facilities that may be adapted for emergency animal sheltering:

- School
- Recreation center
- Public works garage
- Warehouse
- Fairgrounds
- Parking lot
Who is coming and how many?

Should be scaled to the number of human guests that are expected.

Animal Population Estimates

On average, 60% of households in the US own a pet.
The average number of pets is 1.5 per household.

100 cots = 40 crates
Site Selection

General considerations:

• suitable for cold and hot weather
• flooring-cement is best
• hot and cold water available
• power and lighting
• ventilation
• waste removal

Credit: Kathy Kmonicek/AP Photo)
Companion Animal Sheltering

Basic needs:
- 3-4 square feet floor space/crate and an access aisle 3-4 feet wide
- Operational water, sewer, power
- Adequate lighting and ventilation
- Preferably separate HVAC from the human shelter
- Unobstructed entrance and exit, emergency exits
- Functional restroom
- Non-carpeted floors
- Secure perimeter
- Separation from human shelter adequate to control allergies, noise, and pathogens
# Shelter Survey

## Completed by
- Facility Name/ Affiliated Org./Owner
- Date

## Address
- Lat:
- Lon:

## Contact 1
- Authorize use or open
- Phone 1*: H W C
- Phone 2: H W C
- Email

## Contact 2
- Authorize use or open
- Phone 1: H W C
- Phone 2: H W C
- Email

## Times facility not available?
- Yes
- No

## MOU signed with local DART or SMART to use facility?
- Yes
- No

## Parking
- Directions to facility from nearest crossroads and evacuation route
- Areas of facility not open to shelter use

## Local Gas/Food/Supplies
- Directions

## Local Veterinarian
- Directions

## Nearest Human Hospital
- Directions

## Associated Human Shelter Location
- Address
- Lat:
- Lon:

## Contact 1
- Phone 1: H W C
- Phone 2: H W C
- Email

## Contact 2
- Phone 1: H W C
- Phone 2: H W C
- Email

## Animal Shelter Details/Capacity
- Dogs: # Rooms___ Sizes
- Cats: # Rooms___ Size
- Space for Lg and XLG wire crates
- Heating and Cooling Capacity if power available.
- Ventilation/ Screened Windows (weather permitting): Yes
- Animal safe walk area inside?: Yes
- Animal safe fence for walking outside?: Yes
- Adequate lighting?: Yes
- Hurricane proof windows?: Yes

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*H W C: Home Work Cell   **Add description, longitude and latitude when possible   ***See page 3 for capacity info
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<th>Safe entry and exit for owners while walking dogs</th>
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<td><strong>Laundry Facilities available? Coin operated?</strong></td>
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<td><strong>General Supply storage</strong></td>
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<td><strong>Animal waste storage</strong></td>
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</table>

**Utilities**
- **Electric company**
- **Contact info**
- **Water company or municipal source**
- **Contact info**
- **Gas or propane company**
- **Contact info**

Please use space below to diagram facility, parking, room measurements if available and any notable features.

**Exotics** will need space for Small enclosures 24''x18'' but may also require a L size carrier or crate.

**Cats**: Medium crates/carriers sizes are approx. 30''L X 22''W (4.5 sq ft) **Allow 4-6 sq ft/cat**

**Dogs**: Large crates are approx. 42''L X 26''W (8 sq ft) **Allow 10 sq ft**

**XLarge crates are approx. 48''L X 30''W (10 sq ft) **Allow 10-12 sq ft/dog** by leaving 6 inches between each L or XL crate. A 75'X6' hallway would allow 25 crates with a 4' area in front.
Example of Co-located Animal Shelter
Example of Co-location Animal Shelter
Shelter Components

• Animal intake
• Triage
• Volunteer Sign In
• Animal Housing Areas
  - Cats, Dogs, Exotics, Dangerous animals, isolation
• Food Area
Shelter Components(2)

• Rest Area/ Human first aid
• Donations Area
• Equipment Cleaning
• Exercise
• Veterinary Services
Shelter supplies (1)

Dogs

• Crates
• Dog food - canned
• Dog food - dry (pallets, secure container)
• Dog muzzles
• Food (in secure containers, dry food on pallets)
• Hurricane fencing
• Leashes, collars, harnesses (assorted sizes)
• Poop scoops
• Scrub buckets/mops/sponges
• Spray bottles
• Trash cans (preferably on wheels)
• Rabies Pole

Cats

• Cat gloves (heavy gauntlets or welder gloves)
• Cat litter and disposable pans
• Cat net
• Crates & vari-kennels (various sizes)
• Food (dry food stored in secure containers.)
• Paper/pens
Shelter Supplies (2)

**General Supplies**
- Appropriate sized food bowls
- Blankets & towels
- Can openers
- Clipboards
- Disinfectant (bleach) in spray bottles
- Duct tape
- Fans
- First Aid kit
- Generator
- Hand sanitizer
- ID neckbands
- Latex/non-latex gloves
- Paper towels
- Scrub buckets/mops/sponges
- Signage
- Spray bottles (for disinfectant)
- Tables and Chairs
- Trash bags
- Trash cans (preferable on wheels)
- Watering cans
- Zip-ties

**Small Mammals**
- Glass aquariums with secure screen covers
- Heat sources for reptiles (heat stones)
- Newspaper
- Portable heaters
- Small cages with secure screen covers
- Species-specific food
- Timothy hay
- Water bottles or ceramic (non-tip) water bowls
People/Jobs Needed to Run the Shelter

• Veterinarian – to exam animals
• Veterinary Technician – if needed by vet
• Shelter workers – to take care of animals and the shelter
• Administative workers – to help with paperwork, photos and logistics
• Security
• Possibly have to provide 24 hour coverage
Disaster Animal Shelter Command Structure

Office of Emergency Management
Animal Operations Section Chief

CART Branch Director

Safety Officer
Finance Officer
Public Information Officer
ESF 11 Liaison to BOC

Animal Search and Rescue Group Supervisor (See ASAR ICS Chart)

Shelter Group Supervisor

Veterinarian/Clinical Services Manager

Veterinarian Team Members (Large and Small Animals)

El Paso County Health Department (As needed)

Colorado Veterinarian Medical Reserve Corp (As needed)

State Veterinarian's Office (As needed)

Logistic/Volunteer Manager

Small Animal Shelter Logistics/Volunteer Lead

Large Animal Shelter Logistics/Volunteer Lead

ASAR Logistics/Volunteer Lead

Facilities Manager

Team Members

Small Animal Shelter Manager

Animal Intake/Documentation Team Lead

Animal Care Team Lead

Large Animal Barn Manager

Animal Intake/Documentation Team Lead

Animal Care Team Lead

Animal Intake/Documentation Team Members

Animal Care Team Members

Animal Intake/Documentation Team Members

Animal Care Team Members
Small Animal Disaster Shelter Command Structure

Office of Emergency Management
Animal Operations Section Chief

Animal Branch Director

Safety Officer
Finance Officer
Public Information Officer
ESF 11 Liaison to EOC

Animal Search and Rescue Group Supervisor (Structure of separate ICS chart)

Small Animal Shelter Group Supervisor

Large Animal Shelter Group Supervisor (Structure of separate ICS chart)

Veterinarian/Clinical Services Manager

Logistic/Volunteer Manager

Facilities Manager

Shelter Manager

Veterinarian Team Members

Logistics Team Members

Volunteer Team Members

Facilities Team Members

Animal Intake/Documentation Team Leads

Animal Intake/Documentation Team Members

Animal Care Team Leads

Animal Care Team Members

County Health Department (As needed)

Veterinarian Medical Reserve Corp (As needed)

State Veterinarian Office (As needed)
Security

- Must have shelter rules
- Volunteers must be easily identified
Large Animal Sheltering

• Sheltering in place may be the best option for horses if it is safe for them to stay.
• Clean dry food and fresh water needs to be provided daily.
• Rescue options should be in place if conditions worsen.
• Evacuation locations include fairgrounds, private farms, athletic facilities, parking lots.
Goals of a Disaster Animal Response Team

- to assist emergency management with animal issues that might occur during an emergency or disaster
- to have plans for animals that fold into all emergency plans
- to establish pet-friendly shelters that are co-located near human shelters
- to assist with establishing and implementing evacuation procedures that include animals
- to identify known hazards in the local area that might affect animal populations
- to identify resources that exist and establish procedures for utilization
- to help identify gaps in animal issues in emergency management and try to help eliminate them
State of MA Animal Response Team

• SMART is a coordinated network of state organizations, agencies, and individuals whose mission is to be a key resource in MA by establishing Best Practices for emergency preparedness for animals.

• Through training and education, SMART assists in the development of disaster animal response teams both locally and regionally in an effort to strengthen capabilities throughout the State.

• **We assist communities in developing their own local animal disaster plans**
Meet the Board of Directors

- Ellen Borreliz  At-large
- Ed Carlson  MVTA
- Larry Holmberg  At-large
- Anne Lindsay  MAC
- Steven Rowell  Tufts Cummings School of Veterinary Medicine (retired)
- David Schwarz  MVMA
- Cheryl Snyder  Medical Reserve Corp/ Public Health
- Jean Weber  MSPCA
- Liz Williamson  VMAT, NVERT
- Open seat  ACOAM
- Open seat  ARL of Boston
SMART website

www.smartma.org

SMART email

info@smartma.org
Important Resources

• NASAAEP.org

• www.Petshelterplan.org
WE ARE HERE TO HELP!
Bringing Best Practices and Standardized Operating Procedures across the Commonwealth
We Are All On The Same Team With The Same Goals

• Public Safety
• Effective Emergency Management
The End