

**ANIMAL EMERGENCY RESPONSE**  
WORKING GROUP



**AERWG**

[WWW.NCAERWG.ORG](http://WWW.NCAERWG.ORG)

# Panelists

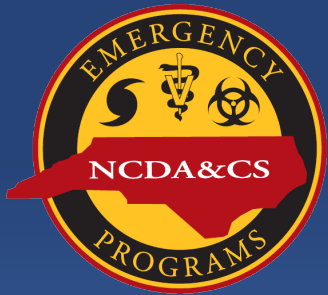
- Daniel Webb
  - Edgecombe County Emergency Management
- Samantha Royster
  - NC Emergency Management
- Anna Allen
  - NC Department of Agriculture and Consumer Services

# Objectives

- Describe the mission, priorities, and goals of the NC AERWG
- Understand the resources available from the NC AERWG
- Provide an overview of the Animal Emergency Response Awareness Course
- Discuss gaps and challenges with animal emergency response

# AERWG Participating Agencies and Organizations

- NC Department of Agriculture & Consumer Services
  - Emergency Programs, Veterinary, Marketing, Plant Industries
- NC Emergency Management
  - Human Services, Area Coordinators, 24-Hour Watch
- NC Cooperative Extension
- Local Emergency Management
- County Animal Services
- Animal Response Organizations (PEART, 4HLAS)
- NC Cattlemen's Association
- First Responders
- NC DOT



# AERWG Mission

The North Carolina Animal Emergency Response Working Group is a collaborative effort of many state and local partners who are dedicated to enhancing the preparedness and response capabilities for any incident involving animals, including but not limited to livestock, throughout the state with coordination from many sectors.

The working group was established to assist with:

- Awareness of animal-related incidents
- Resource identification
- Communication/notifications of incidents at the local, regional, and state level
- Training response personnel and any interested parties starting at the county level

# AERWG Priorities

- Responder and public safety
- Humane and timely assistance of animals in an emergency
- Establishing animal sheltering capabilities
- Ensuring appropriate trainings are available
- Conducting public outreach

# Goals of the AERWG

## County Level:

- Improve communication and coordination between agencies
- Identify necessary resources (equipment and personnel)
- Trained First Responders aware of dangers and appropriate response techniques
- Know available mortality management options
- County CARTS or Regional Animal Response Teams established

## Working Group:

- Assist counties with their goals
- ✓ Establish standardized training courses across the state for animal response
- ✓ Create materials (manual, pocket guide) that are easily accessible
  - ✓ General vs species-specific
  - ✓ Humane euthanasia/depopulation methods identified per species
- ✓ Maintain a webpage with current materials



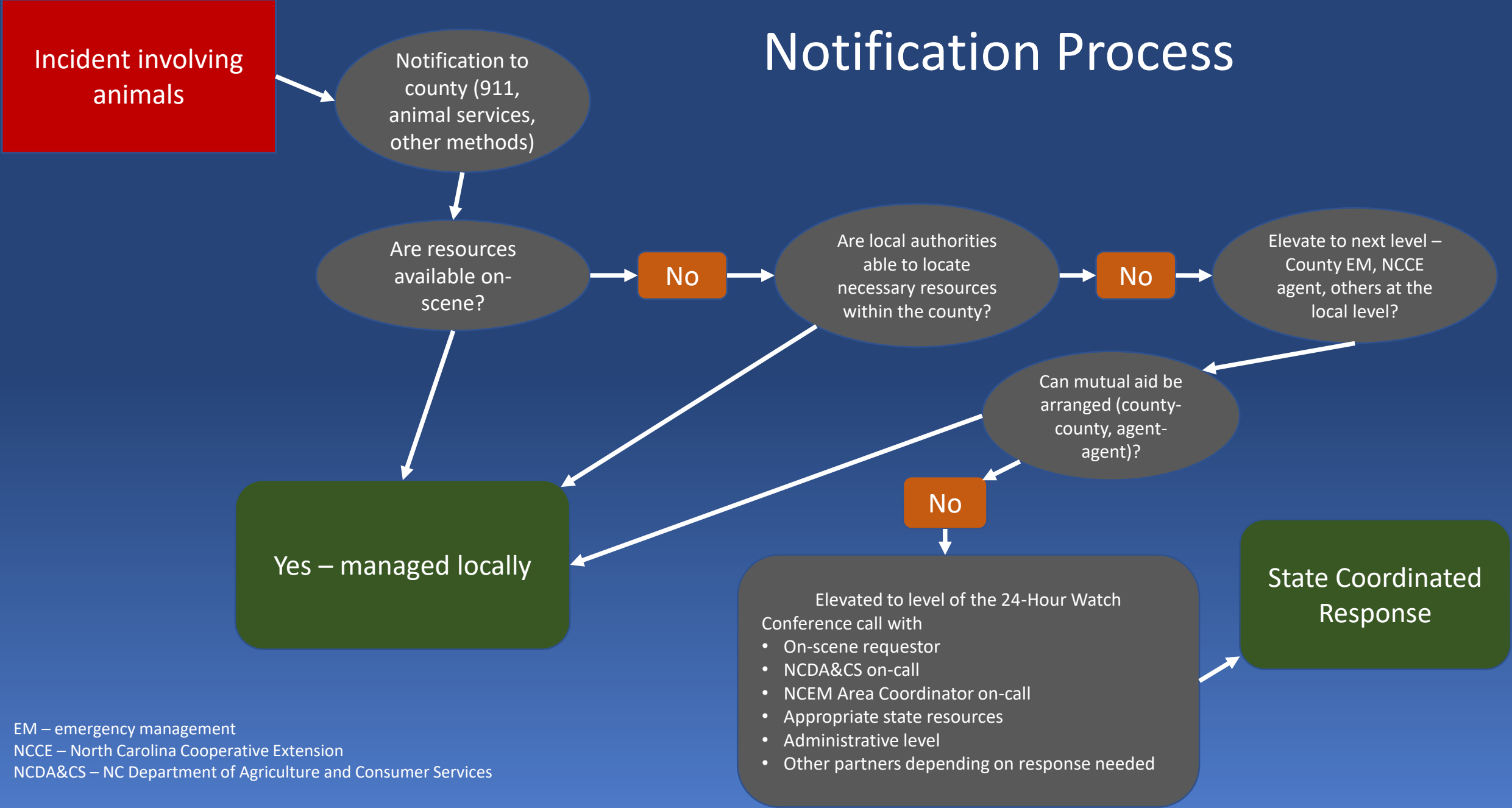
# NC Animal Emergency Response Working Group Website

- [www.ncaerwg.org](http://www.ncaerwg.org)
- Documents page
  - AERWG Manual
  - Dispatcher Decision Tree
  - Notification Process
- Training page
  - Awareness Course
  - Technical Courses



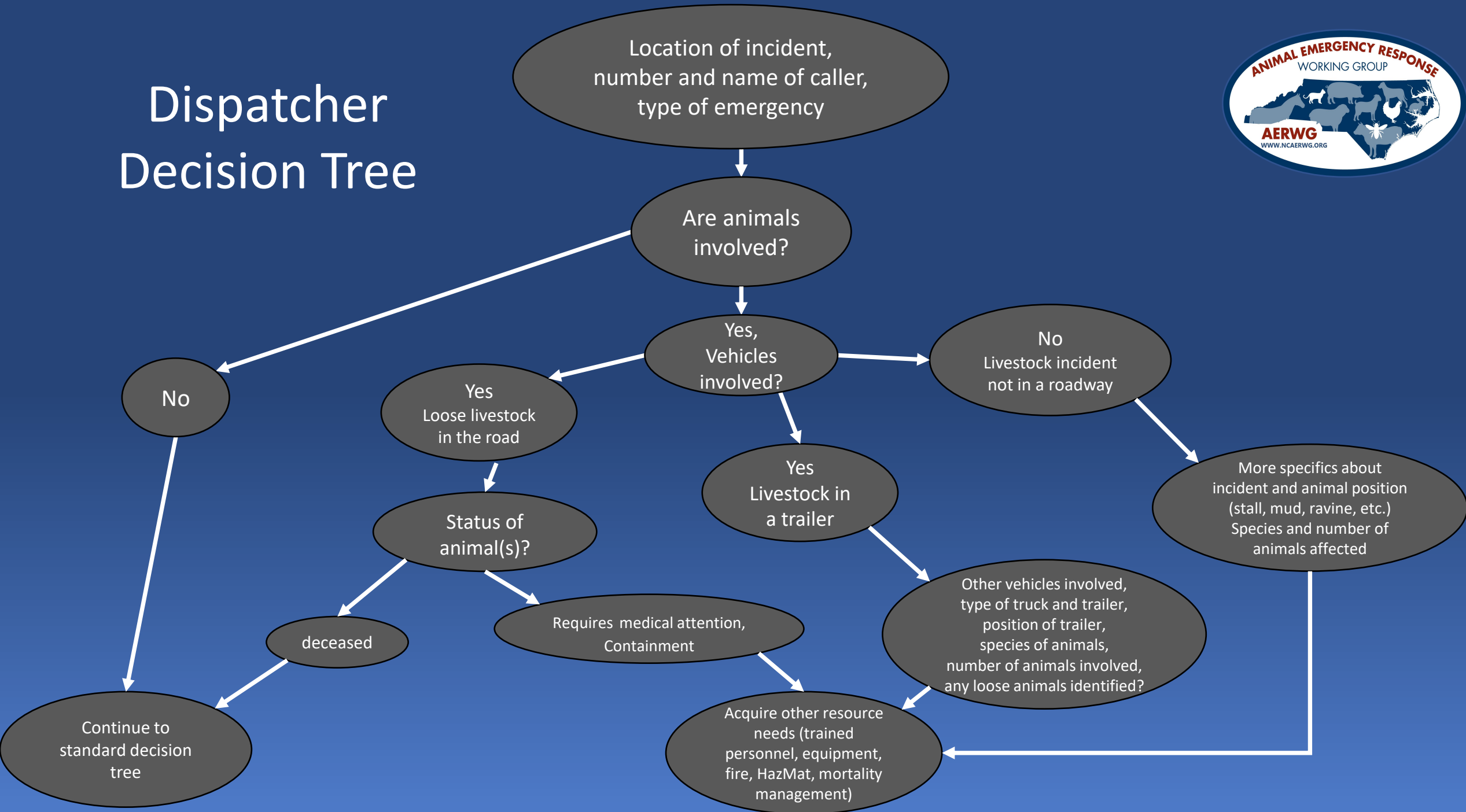


# Notification Process



EM – emergency management  
NCCE – North Carolina Cooperative Extension  
NCDA&CS – NC Department of Agriculture and Consumer Services

# Dispatcher Decision Tree



# AERWG Manual

## Contents

- NIMS/ICS
- Notification Process
- Resource Identification
- Scene Arrival and Assessment
- Responder Safety
- Biosecurity
- Animal Behavior and Handling
- Common Types of Incidents Involving Animals
- Euthanasia/Depopulation
- Animal Relocation
- Mortality Management
- Debriefing

## Appendices

- NC LA Response Volunteer Orgs
- Orgs offering Animal Rescue/Response Courses
- County Animal Emergency Response Resources
- Animal Emergency Incident Assessment Checklists
- Dispatcher Decision Tree
- Notification Process
- Species Specific Information
- Additional Resources
- Mental Health Assistance Resources
- Acronyms
- Manual Contributors

## C. Resource List

NAME	CONTACT PERSON	PHONE NUMBER
State Veterinarian		
State Livestock Veterinarian		
State Poultry Veterinarian		
Local Livestock Veterinarian		
Local County Livestock Extension Agent		
Local Cattle Producer/ Cattleman's Association		
Local Horse Person or association		
Local Pork Producer/ NC Pork Council		
Local Poultry Producer/ Company		
Local Sheep Producer/ NC Sheep Producer's Association		
Local Beekeeper's Assn/ apiarist		
Local Goat Producer		
Local Livestock Transporter		
Livestock Holding Facilities		
Portable Corrals/Panels		
Trained Euthanasia Personnel		
Livestock Disposal Facility (landfill, crematory, etc.)		
Deceased Livestock Removal		
Tow Truck (with crane capabilities if needed)		
Other Resources		

## D. Incident Assessment Checklist

Animal Transport Incident Assessment

Responding law enforcement \_\_\_\_\_ Department \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Location of incident \_\_\_\_\_

Date/Time of Incident \_\_\_\_\_

Driver name: _____	Age group/size: _____
<input type="checkbox"/> Functional	<input type="checkbox"/> Young/small
<input type="checkbox"/> Non-functional	<input type="checkbox"/> Intermediate/medium
Vehicle Type: _____	<input type="checkbox"/> Mature/large
<input type="checkbox"/> Bumper pull trailer	Quantity _____
<input type="checkbox"/> Gooseneck trailer	<input type="checkbox"/> Actual if known _____
<input type="checkbox"/> Pickup with carrier in bed	<input type="checkbox"/> Estimate if unknown _____
<input type="checkbox"/> Semitrailer (straight load)	Destination _____
<input type="checkbox"/> Semitrailer (potbelly)	<input type="checkbox"/> Farm _____
Vehicle condition: _____	<input type="checkbox"/> Slaughter Plant _____
<input type="checkbox"/> Operable	<input type="checkbox"/> Auction Market _____
<input type="checkbox"/> Non-operable	<input type="checkbox"/> Feedlot _____
Trailer accident result: _____	<input type="checkbox"/> Other _____
<input type="checkbox"/> Upright	Scene Security Status _____
<input type="checkbox"/> On-side left right (circle one)	<input type="checkbox"/> Contained _____
Accident site: _____	# Tied _____
<input type="checkbox"/> Urban	# Loose _____
<input type="checkbox"/> Rural	<input type="checkbox"/> Escaped _____
<input type="checkbox"/> On road	Health Status _____
<input type="checkbox"/> Shoulder	<input type="checkbox"/> Uninjured _____
<input type="checkbox"/> Ditch	<input type="checkbox"/> Injured _____
<input type="checkbox"/> Other _____	<input type="checkbox"/> Dead _____
Animal Type: _____	<input type="checkbox"/> Unknown _____
<input type="checkbox"/> Cattle	Extraction _____
<input type="checkbox"/> Horses	<input type="checkbox"/> Yes _____
<input type="checkbox"/> Pigs	<input type="checkbox"/> No _____
<input type="checkbox"/> Poultry	Support Required (circle requests) _____
<input type="checkbox"/> Sheep or goats (circle one)	<input type="checkbox"/> Personnel _____
<input type="checkbox"/> Llama or alpaca (circle one)	Veterinarian _____
<input type="checkbox"/> Other _____	Euthanasia Specialist _____
Emergency Contact _____	County Extension Agent _____
Comments: _____	<input type="checkbox"/> Equipment _____
	Fencing _____
	Gates _____
	Lighting _____
	Tow Truck _____

## PEART Suggested Equipment List

### Animal Response Equipment

- Orange snow drift fencing from Lowe's/Home Depot – 100-foot roll (minor temporary fencing)
- 10 - 6 foot, ½ in. PVC pipe for weaving through drift fencing to form temporary corral.
- 10 – 2-foot rebar piece to place PVC pipe over (drive into ground and put PVC on them)
- DOT Approved Vest for highway operations.
- Cylume/light sticks for strapping to helmets for visibility.
- Head lamps for helmets.
- Quality impact rated helmets with chin straps
- Gloves
- Cattle prod, sorting stick, sorting panels
- Extra batteries for head lights
- Double eye straps from Tractor Supply, 20 foot in length for dragging down animals.
- Pike poles for reach to stay out of strike zone when working with webbing straps.
- Horse halters and leads at least 6 to 8-foot-long. Lariat with quick release honda.
- Water buckets
- Sledgehammer, post driver
- Resource for heavy lifting (Wrecker service)
- Waste Management Bagster Bag for deceased livestock on roadways or other public areas.
- Resource for heavy equipment – track-hoe, backhoe, skid steer
- Resource for trailers for livestock in emergency responses.
- List of local Large Animal Veterinarians who are willing to respond and help in emergencies.
- Hazmat Awareness – At a minimum from state certified instructor
- Decontamination training which is above awareness training (hazmat Operations level)
- Basic large animal behavior training.
- Incident Command training – ICS 100, 200, 700 and 800 available online.
- FEMA IS – 10, Animals in Disaster (Online)  
FEMA IS – 11, Animals in Disaster Community Planning (Online)  
FEMA Is – 111, Livestock in Disasters (Online)
- As you move forward, I would suggest a basic animal rescue class for manipulation techniques and packaging.



# Animal Emergency Response Awareness Course

- Basic information
- Introduction to skills and resources to respond to an animal incident
- Applies to all animals



# Course Outline

1. Introduction
  - Course overview
2. Incident Command System (ICS) and National Incident Management System (NIMS)
  - Overview and application to incidents involving animals
3. Notification Process and Resource Identification
  - The types of resources needed for animal response and how to acquire them at the local, county, regional, and state level.
4. Scene Arrival and Assessment
  - Information that is helpful to know before arrival and how to assess the scene upon arrival
5. Responder Safety
  - Personal Protective Equipment (PPE) and biosecurity

# Course Outline

## 6. Animal Behavior

- General overview focused on livestock species including flight zones and handling

## 7. Introduction to Animal Technical Rescue Techniques and Scenarios

- General overview of common technical rescue techniques and types of incidents

## 8. Animal Relocation

- Best practices for vehicle types, loading, and destination facilities

## 9. Euthanasia/Depopulation

- Overview of acceptable methods and best practices

## 10. Mortality Management

- Overview of legal aspects and best practices

## 11. Debriefing

- General recommendations



# Next steps

- Technical skills training
- Purchasing equipment
- Rostering a team
- Conducting exercises







**4Hooves LARGE ANIMAL SERVICES, LLC**  
**4HLAS**

## LARGE ANIMAL TECHNICAL RESCUE

**Safety and Success Through Prevention, Preparedness, and Partnerships**

Any of the surrounding images can happen in your area... Are you prepared? Would you know what to do? How can emergency responders, veterinary professionals, animal owners, and other local resources work together during a rescue operation? What are some safety concerns and risk assessment considerations related to large animals? What equipment and resources will you need? How should the rescue operation proceed? What techniques will you use? How will you handle the animal once rescued? Will the animal need medical attention? What is the safest, quickest, easiest way to perform the rescue operation successfully?

**COURSE IS OPEN TO EMERGENCY RESPONDERS, VETERINARY PROFESSIONALS, ANIMAL CONTROL, ANIMAL RESCUE TEAMS, EQUINE / LIVESTOCK OWNERS AND PROFESSIONALS, HUMANE RESCUE ORGANIZATIONS, AND ANYONE WHO MAY SOME DAY FIND THEMSELVES ON SCENE OF A LARGE ANIMAL RELATED INCIDENT**

**April 21-23, 2023 (8AM - 5/6PM) Tryon, NC (Polk Co area)**

**FOR COURSE REGISTRATION AND INFORMATION CONTACT:**  
Anita Williamson, PEER [anita@reuniongrovefarm@gmail.com](mailto:anita@reuniongrovefarm@gmail.com) (828) 817-0422  
24HRs CE Credits for Veterinary Professionals approved by NCVMB

**Images of Previous Training Courses**

**OBJECTIVES COVERED IN THE TRAINING COURSE INCLUDE:** NFPA 1670, 150, 1983, and other NFPA Standards, Incident Management, Large Animal Behavior/Handling, Basic Webbing Manipulations, Safety Issues, Simple Vertical Lift Techniques, Mud/Water/Trench/Ice Rescue Considerations, Barn/Facility Fire Prevention, Fire Incident Response, Trailer Safety, Transport Trailer Incident Response, Natural Disaster Preparedness and Response, On-Hand and Specialized Equipment, Resource Allocation, Medical Management and Field Euthanasia Considerations

**INSTRUCTORS: Justin and Tori McLeod, 4Hooves Large Animal Services, LLC [www.4HoovesSMART.com](http://www.4HoovesSMART.com)**




**PE ART**  
Piedmont Emergency Animal Response Team  
"Plan, prepare, respond and recover TOGETHER."

## Ropes, Knots & Mechanical

### Advantage for LAR

(Large Animal Rescue)  
**FOR-PEAT-02**



## Basic Rigging for Large Animal Rescue

(TERMS Course ID = FOR-PEAT-20)



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**ANIMAL EMERGENCY RESPONSE WORKING GROUP**  
**AERWG**




## Technical Large Animal Emergency Rescue



# Gaps and Challenges

- Data – need more information on incidents
- Need more technical skills trainers
- Incorporate animal emergency response training into existing emergency response trainings
- Funding for training and purchasing equipment

# Group Discussion

# Questions?

AERWG Meetings

Virtual – MS Teams

Last Monday of each month  
(sometimes every other month)

Next AERWG Meeting

October 23, 2023

1-2 pm

MS Teams

Email [anna.allen@ncagr.gov](mailto:anna.allen@ncagr.gov) for  
calendar invite