

## Instructions for Completing the Vulnerability Worksheet

### Section: 1. Hazard Identification/Analysis

The goals are to identify and rank the most likely hazards that a county would face. Do not be concerned in ranking the hazards against one another but rather trying to identify a list of hazards that a county should be considering when developing plans and procedures that would help mitigate risks associated with those hazards. It might be helpful to highlight the Hazards with a pen to identify the top hazards a county would face. Once these are identified, then consideration would be given to the specific risk/damage that is associated with each hazard. I.e.

**Hurricanes:** Structural damage, power outages, interruption of communications, impassable roadways (trees etc.), flooding over large areas.

Expect: Animals at large, rescue, food/water issues, shelter, Veterinary care, Disposal issues.

**Tornado:** Structural damage, power outages, interruption of communications, Impassable roadways over limited areas.

Expect: Animals at large, rescue, food/water issues, shelter, Veterinary care, Disposal issues.

**Flood:** see hurricane and factor in less structural damage etc.

**Fire:** Wildfire that damages forest or fire that affects animal facility.

Expect: Wildlife or animal Veterinary care, sheltering needs

**Ice/Snow:** Structural collapse (poultry/swine), frozen water supplies, power outages, Impassable roadways

Expect: Rescue (structural collapse), food/water issues, sheltering/ reestablishment of electricity

**Drought:** Livestock and poultry concerns. Summer heat with shortages of water and/or feed.

**Traffic accidents:** Roadway accident resulting in trapped, injured, or escaped animals.

Expect: Rescue, Veterinary care, disposal, alternative transport

**Earthquake:** Structural damage, possible flooding, power outages, communication disruption, impassable roadways,

Expect: Rescue, Veterinary Care, shelter, feed/water

## Section 2: List number of Critical Facilities

The goals are to gain an awareness of the number/magnitude of potential facilities that could be affected by a particular event. Planning efforts would then factor the number of facilities possibly affected by the number of resources available. It should become apparent as to the type of resources that would be most critical for preparedness based on these factors. An example would be;

Counties with low livestock numbers would not be greatly concerned with carcass disposal issues. If the County had low livestock numbers but was an area that livestock transport occurred frequently, the possibility of livestock trailer accidents could make resources for accidents important.

Mapping the facilities is critical to provide response efforts the ability to organize resources and strategy. Other factors that would become apparent through mapping would be the threat of multiple hazards that could affect a particular facility. (ex. Would be a facility (animal shelter) that was located in area prone to flooding and also near an industrial facility.) Eventual goals are to have these facilities mapped through (GIS/GPS) and the owners listed in a database that could be used to establish a communication alert network for event notification etc.

## Section 3: County Resources

Resource lists are critical to response efforts. The goal in this section is to list the resources that are available and also recognize deficient resource areas that the county needs to develop or work through mutual agreements with other counties to fill. CARTs represent the best way to develop resource lists. One of the functions of a CART coordinator is to maintain a current resource list that can be used to activate people/equipment through the county EOC. County Emergency Management, Animal Control, and Extension should identify the resources needed to meet their respective needs and provide guidance to the CART coordinator to help locate and recruit those resources.

## Section 4: Special Circumstances Consideration

This section allows individual counties to identify unique challenges to response efforts and then plan accordingly.

### \*\*\*Goals:

- Map the facilities at risk
- Identify the resources that would be needed to respond to the hazards most likely to create an event at the facilities.
- Database/alert network in place that can contact the owners at risk for notification and education both pre-event and during the event.
- Develop and implement mitigation strategies to decrease risk.

