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**12th Annual
LEA, Tire Enforcement, and CIWMB
Training and Technical Course Series**



**Coordination with Other Agencies:
From Agriculture to Water and
Everything in Between**

**October 22, 2009
Hyatt Regency
Sacramento, California**

California Department of Food and Agriculture



- **Divisions**

- **Animal Health and Food Safety Services**

- ✦ State Veterinarian, Richard Breitmeyer, DVM, MPVM
- ✦ Director, Annette Whiteford, DVM

- **Fairs and Expositions**

- **Inspection Services**

- **Marketing Services**

- **Measurement Standards**

- **Plant Health and Pest Prevention Services**



California Department of Food and Agriculture



- **Animal Health and Food Safety Services Division**
 - Animal Health Branch
 - Emergency Preparedness and Support Unit
 - Bureau of Livestock and Identification
 - Meat and Poultry Inspection Branch
 - **Licenses and Inspects**
 - Establishments not inspected by USDA
 - » Meat Processing
 - » Custom Livestock Slaughterhouses
 - » Poultry Plants
 - Renderers
 - Collection Centers
 - Dead Animal Haulers
 - Pet Food Slaughterers
 - Pet Food Processors
 - Importers
 - **Registers**
 - Transporters of Inedible Kitchen Grease
 - Milk and Dairy Food Safety



2000



- **Cal/EPA Emergency Planning**
 - Natural Disaster
- **Emergency Response Management Advisory Committee (ERMAC)**

2001



- **February—Foot and Mouth Disease Outbreak, United Kingdom**



- **September—Terrorist Attacks, New York**

2001-2002



- **ERMAC**
 - Emergency Animal Disease Removal Working Group





2002-2003



- **Exotic Newcastle Disease, Southern CA**
 - Governor proclaimed a State of Emergency
 - Secretary of the USDA declared an Extraordinary Emergency
 - San Diego, Riverside, Los Angeles, and San Bernardino Counties proclaimed Local Emergencies
 - Affected backyard poultry in Arizona and Nevada; backyard poultry and commercial operations in California
 - All birds in Southern CA quarantined; birds and exposed materials could not be moved without a USDA permit
 - Euthanized birds and waste products disposed in landfills
 - Eradication effort involved over 1,500 people

2004



**CAL/EPA
Emergency Animal
Disease**

Regulatory Guidance for
Disposal
and Decontamination

October 20, 2004

2006



- **Summer Heat Event**

- June through July, Central Valley

- ✦ Unusual run of temperatures of $\geq 95^{\circ}$ F (20 days of $\geq 100^{\circ}$ F)

- Increased mortality rates

- A critical rendering facility in the valley experienced mechanical difficulties

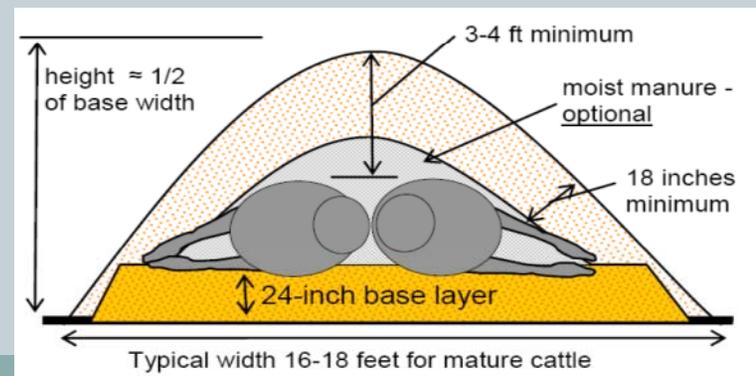
- Local emergency proclamations were needed

2007

• Summer Heat Event

○ Lessons learned:

- ✦ Effective communication is key
- ✦ Authorities became better understood, including gaps
- ✦ At least two counties (Kings and Tulare) now require new and expanding dairies to have adequate disposal capacity
- ✦ Two counties (Stanislaus and Fresno) developed all-hazard agricultural plans that includes disposal
- ✦ Two rendering facilities upgraded their plants
- ✦ Research is under way to evaluate mammalian composting
- ✦ Event was the key to formation of a working group



2007

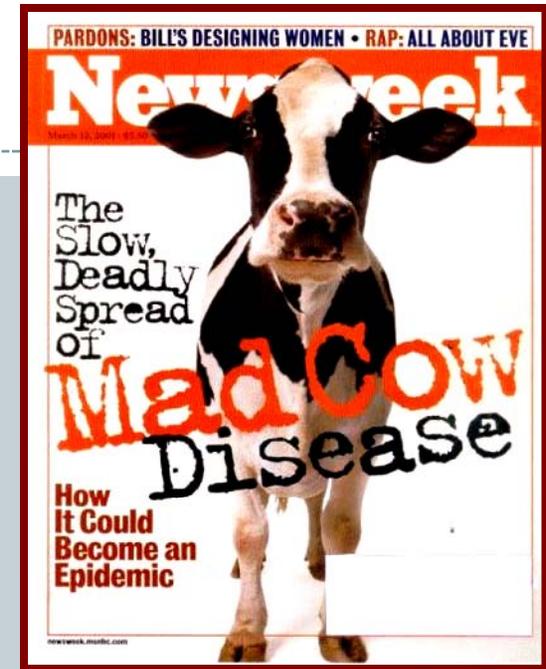


- **Emergency Animal Disposal Workgroup**
 - **Co-chaired**
 - ✦ California Department of Food and Agriculture
 - ✦ Cal/EPA (Integrated Waste Management Board)
 - **Facilitation**
 - ✦ Western Institute of Food Safety and Security
 - **Membership (> 100 individuals) includes:**
 - ✦ Academia: University of California (Davis, UC Extension)
 - ✦ Industry: beef, dairy, poultry, private solid waste, renderers
 - ✦ Government: CDFA, Cal/EPA, DPH, Cal/EMA, APCDs, LEAs, USDA, Agricultural Commissioners, public solid waste

2008-2009



- **Food and Drug Administration**
 - **Feed Ban Rule***
 - ✦ Brain and spinal cord from cattle 30 months of age or greater cannot enter the animal feed chain
 - Compliance date = October 26, 2009
 - Will likely create an additional disposal challenges
 - Alternate disposal options are problematic



* **Substances Prohibited From Use in Animal Food or Feed,**

www.fda.gov/AnimalVeterinary/GuidanceComplianceEnforcement/ComplianceEnforcement/BovineSpongiformEncephalopathy

Take-away Messages



- **Put yourself in their shoes** (interest-based)
 - Authority
 - Mission (convergent, parallel, divergent, complimentary, antagonistic)
 - Learn their language
- **Be responsive and responsible**
- **Don't let real life get in the way!**



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

**INTEGRATED WASTE
MANAGEMENT BOARD**

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