



Checkpoint Set-Up and Operation



Vehicle Checkpoints

- Identify vehicles with infected or susceptible animals
- Restrict entry into disease areas
- Redirect vehicles
- Restrict vehicles with exposed or infected animals



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CHECKPOINT SET-UP

- Location
- Equipment and Supplies
- Personnel

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Location

- Public road or property
 - Well-traveled, easy-access
 - Flat, straight section
- Large enough area
 - Allow vehicle movement and spacing
 - Vehicle holding area
 - Cleaning and disinfection area
- Away from animal production sites
- All-weather
- Access to water, sewer, and electricity

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Equipment/Supplies

<ul style="list-style-type: none"> • Road supplies <ul style="list-style-type: none"> – Traffic cones and barricades – Signage <ul style="list-style-type: none"> • Inform drivers – Reflective vests • Lighting • Maps 	<ul style="list-style-type: none"> • Animal supplies <ul style="list-style-type: none"> – Pens or shelter – Handling equipment – Shade or fans, or water spray • General supplies <ul style="list-style-type: none"> – Tables, chairs – Shelter – Communication devices – Water
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Checkpoint Personnel

- At bare minimum – 2 people
- Animal health
 - Veterinarians/technicians, extension specialists
 - Provide animal and movement knowledge
- Law enforcement
 - Police departments, military, conservation officers
 - Containing and moving vehicles, enforcing laws
- Cleaning and disinfection
 - Trained in cleaning procedures
 - Fire departments and HazMat Teams
- Support
 - Road crews, public works
 - Set up, screening procedures, animal assistance

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CHECKPOINT OPERATION

- Basic Steps

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Checkpoint Operation

- Identify vehicles
- Flagger and screeners
 - Allowed to proceed
 - Returned to point of origin
 - Moved to temporary holding area
 - Cleaning and disinfection
 - Animals off-loaded
- State veterinarian will specify
 - Vehicles, commodities, animals for screening



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OPERATION CONSIDERATIONS

- Documentation
- Communication
- Cleaning and Disinfection
- Animal Welfare
- Waste Management
- Personnel Training

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Documentation

- Date/time at checkpoint
- Checkpoint location
- Vehicle and driver information
- Owners name
- Vehicle contents
- Point of origin
- Destination
- Health papers and shipping documents
- Action taken
 - Allowed to proceed
 - Returned to point of origin
 - Diverted to temporary holding area

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Communication

- Checkpoint to Incident Command
 - Two-way radios
 - Cell phones
 - Computers
- Industry stakeholders
- Media
- General public

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Cleaning and Disinfection

- Disinfectants
 - Determined by disease
- Equipment
 - Brushes
 - Buckets
 - Berming material
- Personnel
 - Disinfect between vehicles



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Personal Protective Equipment

- Goggles or face shield
- Disposable or washable coveralls
- Gloves
- Over boots
- Extra sets available

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Animal Welfare

- Weather is critical factor
 - Truck movement cools animals
 - Stopping reduces this effect
 - Can negatively affect animal health
 - Keep traffic moving as quickly as possible
 - Portable fans and misters may aid to keep animals cool



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Waste Management

- All waste is considered contaminated
 - Feces, urine, bedding material
 - Personal protective equipment
- Remove waste immediately and put in solid container for disposal
- Do not dispose of any waste where it will harm environment
- Provide sharps container for contaminated needles

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Training

- Incident Command System (ICS)
- Quarantine terminology
- State import regulations
- State response plan
- Basic biosecurity
- Safety issues
- Screening criteria

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Lessons Learned from Previous Checkpoint Exercises

- Industries were grateful for protection
- Producers were more confident in herd's protection
- Species industries will shut down themselves
- Well informed public



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Memorandums of Understanding

- For multi-jurisdictional collaboration
 - Authorities
 - Who will be in charge
 - Responsibilities
 - Individual state and collaborative tasks
 - Support
 - Checkpoint specifics and logistics
 - Communication
 - Disease dependent criteria
 - Financial accountability
 - Limitations and termination of agreement

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Resources

- Graham JL, Hutton J, Cao S, Fagel M, Wright W. 2008. National Cooperative Highway Research Program (NCHRP) Report 525, Volume 13: *A guide to traffic control on rural roads in an agricultural emergency*.
- http://www.nap.edu/catalog.php?record_id=14184
- Emergency Agriculture Movement Control Checkpoint Selection Guidance. Multi-State Partnership for Security in Agriculture.
- <http://www.nasda.org/File.aspx?id=4076>
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