

Post-Transport Procedures

- ✓ Vehicles must be thoroughly cleaned and disinfected after delivering the load to the designated location
- ✓ Drivers at the last delivery should discard their PPE, place in a bag, and place in an appropriately designated disposal unit
- ✓ If facilities are available, drivers should shower and change into clean clothes before leaving their shift

Biosecurity, Decontamination, and Precautions

Cleaning & Disinfection

- ✓ Carcasses should be sprayed with disinfectant and double-bagged
- ✓ Prior to leaving the farm:
 - Trucks need to be completely disinfected with special attention paid to the undercarriage, wheels, and wheel wells
 - C&D procedures need to be overseen by veterinary technicians and case managers
 - Have documentation that accompanies load and certifies decontamination: "Certificate of Treatment"

Precautions for Transport Personnel During Vehicle Loading

- ✓ Risks associated with lining roll-off bins include falls, carcass handling, and vehicle movements
- ✓ Roll-off bins should not be sheeted when mounted on the vehicle, but on the ground to minimize injuries
- ✓ Only fixed ladders will be used to gain access into the bins; never enter from the top without a ladder
- ✓ A minimum of two persons will be required for all lining operations--the supervisor should observe and assist
- ✓ All heavy lifting should be conducted mechanically

Biosecurity, Decontamination, and Precautions (Cont.)

Precautions During Vehicle Inspections

- ✓ Climbing up the sides, backs, or onto roll-offs should be prohibited when inspecting vehicles after loading
- ✓ Staff should not stand or walk on top of carcasses for any reason
- ✓ The driver must be informed and aware of all activities at all times
- ✓ The work area and all equipment should be cleaned and/or degreased when necessary to reduce the risk of injury

Precautions During Decontamination

- ✓ Risks associated with vehicle decontamination include vehicle movements, disinfectants, and spread of disease
- ✓ Where possible, the decontamination area should be a one-way system that controls vehicle access
- ✓ Ensure drivers of vehicles turn off engines prior to decontamination

Emergency Situations

- ✓ Be prepared for:
 - Temporary storage
 - Spills/excess leakage
 - Vehicular problems
 - Adverse weather
 - Terrorist attack

Important Numbers



Procedures for Secure Transportation of AI-Infected Poultry Carcasses

Communication Procedures

- ✓ Coordination among federal, state, local governments; private groups and industries; public sectors; and health officials is required
- ✓ Contact the state veterinarian
- ✓ Communication during transport:
 - Radio communication should be used to provide communication at the landfill entrance, C&D units, drivers, government officials, traffic controllers, weigh stations, and the Field Operations Center (FOC)
 - The site manager on the farm should inform the traffic controller of the number of loads/vehicles to expect
 - Upon acceptance, the traffic controller should inform the site manager and the landfill operator of the load's arrival
 - Any delays or compromise in biosecurity procedures should be conveyed to the FOC
 - Completion of transport should also be conveyed to the FOC

Planning the Route

Considerations

- ✓ Neighborhoods
- ✓ Surrounding poultry farms (should be monitored if they can't be avoided)
- ✓ Local/major roadways
- ✓ Maneuverability
- ✓ Closures/roadblocks
- ✓ Security/law enforcement/military assistance

Resources to Aid in Planning the Route

- ✓ Transportation Routing Analysis Geographic Information System (TRAGIS): <https://tragis.ornl.gov/>
- ✓ National HAZMAT Route Registry (NHMRR): <http://hazmat.fmcsa.dot.gov/nhmrr/index.asp>

Materials and Equipment

- ✓ Waste containers (20-40 cubic yards)
- ✓ Liners (polyethylene sheeting)
- ✓ Sawdust or wood shavings to soak up excess leakage from liners
- ✓ Covers for waste bins
- ✓ Mobile elevating work platforms (MEWPs) for covering roll-offs
- ✓ Lighting for worksite
- ✓ Stabilizing material for wet conditions
- ✓ C&D materials
- ✓ Duct tape
- ✓ Six-foot ladder
- ✓ Caulk and caulk guns

Pre-loading Procedures

- ✓ All paperwork should be completed before transportation begins
- ✓ All vehicles should be leak-tested before use
- ✓ Maintenance checks should be performed on all vehicles
- ✓ Orders for delivery of commercial containers should be made through logistics by 10 AM of the previous day, specifying the following:
 - Type of delivery
 - Size of waste containers
 - Window of delivery time
 - Bin identification number
 - Job site contact name/phone
- ✓ Waste containers should be inspected for any breeches, holes, large cracks, or sharp edges
- ✓ Line the container with plastic using duct tape to secure the edges of the plastic liner to the waste container
- ✓ From the exterior of the waste container, use a rake to distribute wood shavings or sawdust
- ✓ Once the waste container is prepared for loading, close the doors of the container, being careful not to pinch the plastic between the doors in the process
- ✓ Use a ladder to inspect and adjust the plastic and wood shavings
- ✓ Prior to loading, carcasses should be thoroughly sprayed with disinfectant to minimize virus spread/flying feathers
- ✓ Provide a diagram of how a waste container should look prior to loading

Loading Procedures

- ✓ Drivers should wear PPE at all times
- ✓ Drivers should remain seated within the vehicle while the truck is loaded with all windows and doors closed
 - Loading bird carcasses: When the container is full or meets the maximum weight limit, the bird carcasses should be sprayed again with Virkon S
 - Loading eggs and carcasses: One foot of wood shavings/sawdust should be alternated with a third of the load until the container is full; one foot of wood shavings/sawdust should then top off the load
- ✓ Once vehicles have been loaded, the plastic liner should be folded over itself; use duct tape or tie downs to secure
- ✓ Vehicles should be thoroughly inspected before departure to minimize risk of virus dissemination in transit

Transport Procedures

- ✓ Use a prearranged route
- ✓ No planned stops are permitted; therefore, vehicles should be fully fueled and drivers should take breaks beforehand
- ✓ Vehicle speeds must be kept at a minimum (no greater than 30 mph) to decrease the risk of spreading the virus en route to the disposal site