

Date Approved

Flock Plan for
H5N2 HPAI Euthanasia, Disposal, Cleaning and Disinfection Procedures for Commercial
Premises in _____

Premises Owner:

Premises Address:

Poultry Owner :

And address:

Poultry present: (census, type, purpose, age in days)

Brief History: (clinical signs, test results etc)

This is a written flock management agreement developed between USDA, APHIS, Veterinary Services (VS) and the (state agency) with input from (poultry owners). This flock will be handled in accordance with (state) Initial State response and Containment Plan (ISRCP), the Red Book for Highly Pathogenic Avian Influenza and the USDA, APHIS, VS Code of Federal Regulations (CFR). The main tenets of this plan include

- Removal of all poultry from the premises
- Cleaning and disinfection of the premises
- Assuring the premises are disease free
 - Downtime and environmental testing
 - Repopulation and monitoring for disease

Primary Responsibilities:

Euthanasia will be the primary responsibility of VS, (state) and (a selected private contractor). The owners of the poultry will be eligible for indemnification. All necessary indemnity documents regarding the live poultry will be completely filled out and signed prior to euthanasia. Value of the poultry will be obtained by a VS-prepared calculator based on the fair market value of the birds.

Disposal of dead poultry, litter (poultry bedding), and other contaminated materials that result from the depopulation will be the primary responsibility of the (poultry owner) with oversight by VS and (state). These materials will be handled by on-site composting (or insert other method, with concurrence from VS and State).

The Poultry/premises owner will be primarily responsible for cleaning of the equipment, conveyances, and other contaminated materials during the composting process. They will also apply the insecticide and rodenticide.

Disinfection of equipment, conveyances, and other contaminated materials associated with the depopulation will be the primary responsibility of (depopulation crew or contractor), and (state) VS. The disinfectant used will be approved by the VS Assistant district director and the (state) from a list that has been approved for use with HPAI in the 9CFR

Quarantine and Enhanced Biosecurity:

A (verbal or official) quarantine was issued by (name and date, if applicable) due to evidence of exposure to H5N2 HPAI.

The standard Avian Influenza quarantine form was issued on (date) for (name of facility). This document was signed by (owner or representative) The quarantine states that no animals are to enter or leave the premises without the prior approval of (state).

Quarantine instructions include increasing biosecurity measures to minimize traffic and implementing protocols to clean and disinfect vehicles and equipment. Mortalities should be managed according to a mortality management plan approved by (state) and VS, but are not to be removed from the premises. The quarantine will be released when repopulated birds are confirmed to be free of virus, contaminated materials are disposed of and the farm is cleaned and disinfected according to measures outlined in (state) Initial State response and Containment Plan (ISRCP), and all flock and environmental testing has been completed with negative results. All post-quarantine abnormal mortality losses should be investigated and Avian Influenza sampled by (state) /VS personnel within 180 days of quarantine release.

Requests for Indemnity for Disposal, Cleaning, and Disinfection Activities

Any disposal of poultry and cleaning and disinfection of premises, conveyances, and materials for which indemnity is requested by the farm owner must be performed under a separate compliance agreement between the claimant, the Cooperating State Agency, and VS. The compliance agreement must be signed by all parties before the start of any of the activities for which indemnity is claimed. Any work performed before the compliance agreement is signed may not be eligible for reimbursement.

Euthanasia

All flocks on the affected premises will be depopulated in a timely manner. Workers will be fit tested and medically approved before entering the farm and will don appropriate personal protective equipment. Biosecurity will be maintained using a clean area and dirty area, to be established before euthanasia and disposal start. Euthanasia will be overseen and documented by (state) /USDA, APHIS, VS personnel.

Poultry will be euthanized by (a contractor -name) using (method – foam, CO2, etc). The contract crew expects to begin euthanasia on (date). Euthanasia will be conducted under the direct supervision of (state) or Federal (VS) personnel.

Disposal of Euthanized Poultry

The euthanized birds will be composted on-site with the concurrence of (state) VS, (owner, operator etc) following the procedures below.

1. **Disposal of all euthanized poultry and eggs.** These items will be composted on site by the owners with supervision by (state) and VS. (insert other method if applicable) .
2. **Disposal of litter, manure, debris, and feed.** These items will be composted on site by the owners with supervision by (state) and VS. (insert other method if applicable)

Cleaning and disinfection of conveyances following depopulation. All trucks and vehicles used in transporting/contacting affected poultry, poultry products or materials will be cleaned and disinfected prior to leaving the index premises. Trucks must be permitted if leaving the 10km control zone. Drivers will be instructed to avoid contaminating the cab of the truck. Should exiting the vehicle become necessary, plastic boot covers will be provided along with instructions on their proper use and disposal.

Before any vehicles or tractors leave the quarantined farms, all vehicles will be cleaned and disinfected. Exterior, including the undercarriage, and interior surfaces, including truck cabs, will be cleaned. The interior of the truck cabs will be washed with clean water and a disinfectant applied as authorized in 9 CFR§ 71.10(a). Manure and litter removed from these vehicles will be handled in a manner similar to that described above. Disinfection of contaminated vehicles and equipment needs to be completed by (state) or VS personnel.

Preparation for Cleaning and Disinfection

Following the depopulation or controlled marketing of poultry infected with H5/H7 LPAI on a premises, the following procedures will be completed prior to cleaning and disinfection:

Secure and remove all feathers that might blow around outside the house in which the infected or exposed poultry were held and clean any debris for the exterior of the poultry houses.

_____ will apply insecticides and rodenticides immediately after the removal of the birds or the construction of compost piles. With the exception of temperature monitoring and the turning of the piles (which should be done only by direction from state of VS personnel), leave the house undisturbed in order to allow as much H5N2 HPAI virus as possible to die a natural death.

When to clean.

Manure and litter will be composted within the poultry houses and must complete composting prior to any cleaning of the houses.

Houses should not be cleaned out or litter moved until all potential H5N2 HPAI virus that may have contaminated the manure and litter is inactivated, as determined by (state), or VS personnel and in accordance with the flock plan and ISRCP.

Destruction and disposal of contaminated materials that can't be cleaned and disinfected:

Before cleaning and disinfection, the premises will be inspected by the producer and personnel from (state) and/or VS personnel determine if there are contaminated items for which the cost of cleaning and disinfection would exceed the value of the materials or for which cleaning and disinfection would be impractical for another reason. The fair market value (used price) of these items will be determined by the State or VS appraiser with input from the owner. The destruction and disposal of these items will be conducted in accordance with the ISRCP and in accordance with VS Guidance 8603.1. Prior VS approval and the determination of fair market value is required for destruction of items for which indemnity will be claimed.

Cleaning and Disinfection

Cleaning and disinfection will be performed on all contaminated buildings and surfaces including pump houses and service areas.

- 1. Disposal of all litter, manure, debris, and feed.** These items will be composted under the direction of (state) or VS personnel and in accordance with ISRCP regulations and allowed to remain undisturbed for an amount of time approved by the (state) or VS personnel. Once composting is completed and the composting material is considered safe to move, said material can be (insert disposal method, spread on field stored etc) (and preferably be 2 miles from any other commercial poultry premises) The (state) or VS personnel will oversee, monitor and document this process. Compost material must remain on the infected premises for at least 30 days. After use, equipment used to clean out manure, debris, and feed will be washed and disinfected. In the case of inclement weather, the equipment may be washed, disinfected, and inspected at off-site wash stations at the discretion of the Official State Agency and APHIS.
- 2. Cleaning of the premises and equipment.** Dry cleaning (the removal of contaminating materials without the use of water) and wet cleaning (washing) processes will be sufficient to ensure that all materials and substances contaminated with H5N2 HPAI virus, such as manure, dried blood, and other organic materials, are removed from all surfaces. Areas with gross organic contamination that cannot be cleaned using only dry processes will be wet cleaned. Equipment will be disassembled as required to clean all contaminated surfaces. Special attention will be given to automatic feeders and other closed areas to ensure adequate cleaning. Houses and equipment will be inspected and documented by (state) or VS to ensure that cleaning has removed all contaminated materials or substances and that houses and equipment are completely dry before applying disinfectant.
 - 1. Disinfection of premises and materials.** When cleaning has been completed and all surfaces are dry, all contaminated interior surfaces of the structure should be saturated with a disinfectant as authorized in 9 CFR § 71.10(a) and approved by VS. Disinfectants will be applied as specified by the manufacturer. A spray unit will be used to spray the disinfectant on all surfaces, making sure that the disinfectant gets into cracks and crevices. Special attention will be given to automatic feeders and other closed areas to ensure adequate

disinfection. Disinfection procedures will be overseen and documented by (STATE) or VS personnel.

Ensuring the Premises are Free of Avian Influenza

Environmental testing. Following depopulation, cleaning and disinfection, the premises will remain free of avian species for 21 days. During this time environmental sampling will be performed by (STATE) and/or VS personnel.

Repopulation and flock monitoring: If testing does not find evidence of avian influenza, the premises will be allowed to repopulate with prior approval by (STATE). The birds will be tested weekly by collecting tracheal swabs and submitting the samples to, (NAHLN) lab for PCR testing for evidence of avian influenza. Testing will start at 28 days of age and continue until the birds reach 12 weeks of age.

Surveillance around the Affected Premises

There are (insert number) commercial poultry flocks found in a 10 Kilometer radius of the affected premises. (Insert testing procedures, quarantines, movement controls that apply). All non-commercial poultry premises within a 10 Kilometer radius of the exposed farm will be visited by (STATE) or VS personnel and allow testing of their poultry. They will also be provided information on avian influenza, biosecurity, and instructions on whom to contact if sick birds are found.

Address of Affected Facility:

Owner Name:

Signature Producer/Grower Representative: _____ Date: _____

Signature Poultry Owner Representative _____ Date _____

Signature Emergency Management (IC): _____ Date: _____

Signature (state) State Veterinarian: _____ Date: _____

Signature USDA APHIS VS (state) ADD: _____ Date: _____

Signature USDA APHIS VS District Director: _____ Date: _____