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INDIANA STATE BOARD OF ANIMAL HEALTH

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Indiana Commercial Poultry VSD+ Request & Justification Form

Last updated March 4, 2025

Ventilation Shutdown Plus (+) is a method of depopulation permitted under constrained circumstances as described in the USDA APHIS [Ventilation Shutdown Plus \(+\) Policy](#) (January 2022) document found on the USDA APHIS Highly Pathogenic Avian Influenza Emergency Response website. This form serves to document the constrained circumstances and operational factors that deem VSD+ necessary as the only viable method for depopulation of an HPAI infected premises in Indiana. Commercial poultry company representatives or independent producer growers should complete the form and send to the Indiana State Veterinarian for consideration and further concurrence by USDA APHIS prior to indemnity approval and prior to beginning depopulation activities.

PREMISES INFORMATION	
Premises ID	0 0 _ _ _ _ _
State abbreviation, county, and site # (i.e. IN, Marion 01)	IN,
Premises owner	
Name of premises	
Address of premises	
Contact person (for premises)	
Contact phone number	
Contact email address	
Bird owner	
Name of authorized representative (if applicable)	
Address of bird owner	

FLOCK INFORMATION	
Domestic poultry present on date of presumptive positive detection (include number, type, sex, purpose, and age)	
Commercial poultry premises in 3 km Infected Zone (number provided by BOAH)	
Commercial poultry premises in 7 km Buffer Zone (number provided by BOAH)	

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OPERATIONAL FACTORS QUESTIONNAIRE	
Can VSD+ be executed safely and effectively on the premises within 24-48 hours?	Yes ☐ No ☐
Justification:	
Can preferred depopulation methods (i.e. foaming, whole-house CO2 gassing, cervical dislocation, Koechner devices) be executed safely and effectively on the premises within 24-48 hours?	Yes ☐ No ☐
Justification:	
Are there potential epidemiological consequences of virus amplification on the premises should the 24–48-hour goal not be met on the premises?	Yes ☐ No ☐
Justification:	
Are there large densities of poultry in the surrounding area that would be at risk from virus amplification on the premises?	Yes ☐ No ☐
Justification:	
Are there high-value or breeder flocks in the surrounding area that would be at risk from virus amplification on the premises?	Yes ☐ No ☐
Justification:	

Could a depopulation time of greater than 24-48 hours be acceptable if lateral spread can be mitigated through biosecurity measures, particularly in a facility without large densities of poultry or high value flocks in the surrounding area?	Yes ☐ No ☐
Justification:	
Is there strong opposition from the State Animal Health Official, or designee, on any given method given the answers to the previous questions?	Yes ☐ No ☐
Justification:	
Is there strong opposition from the producer/bird owner on any given method, given the answers to the previous questions?	Yes ☐ No ☐
Justification:	
Can the resources and personnel for either CO2 or water-based foam or other methods be procured in a timely manner consistent with a goal of safe and effective depopulation within 24-48 hours? If yes, please list: 1.) the resources required for either CO2 or water-based foam or other methods, 2.) how quickly (in hours) the resources and personnel can deploy and complete the depopulation safely and effectively, and 3.) how many personnel are required for the completion of either CO2 or water-based foam depopulation.	Yes ☐ No ☐
Justification: 1.) 2.) 3.)	
Are sufficiently trained personnel available to conduct VSD+ within 24-48 hours?	Yes ☐ No ☐
Justification:	

Are sufficiently trained personnel available to conduct other preferred depopulation methods within 24-48 hours?	Yes ☐ No ☐
Justification:	
Is ventilation shutdown plus (+) possible on the premises, given house construction and environmental factors?	Yes ☐ No ☐
Justification:	
Is ventilation shutdown plus (+) the only option that will achieve rapid depopulation meeting the 24–48-hour goal, given personnel and resource constraints?	Yes ☐ No ☐
Justification:	
Is there an added risk of increased numbers of personnel on and off the premises from traditional depopulation methods such as CO ₂ and water-based foam, in terms of biosecurity? Describe this risk.	Yes ☐ No ☐
Justification:	

The undersigned company representative certifies that the constrained circumstances described above warrant the need for the use of VSD+, per the operational factors described in the USDA APHIS Ventilation Shutdown Plus (+) Policy document (January 2022).

Company Representative

Date (*month, day, year*)

Company Representative (*printed*)