Biosecurity Plan

Standard Biosecurity Principles and Emergency Planning

Insert Company Logo

Facility Name

Biosecurity Coordinator:

Date:

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# Property Map

# Biosecurity Plan

## General Information

* 1. Operator Name: Click here to enter text.
	2. Farm Name: Click here to enter text.
	3. Main Office Physical Address: Click here to enter text.
	4. Mailing address: Click here to enter text.
	5. Phone number: Click here to enter text.
	6. Biosecurity Coordinator’s Name: Click here to enter text.
		1. Responsibilities
			1. The Biosecurity Coordinator is to be a full-time employee or member of the LLC. This person will remain informed of the best management practices and attend formal biosecurity training when possible. The Biosecurity Coordinator is responsible for training and documentation of site-specific training for all production personnel and suppliers. Training is to be done at time of hire for all employees and at least one time during the calendar year thereafter for the duration of employment. Documentation is kept in the primary biosecurity plan binder (Appendix B). Training records should be kept for a minimum of 3 years.
			2. The biosecurity plan will be reviewed internally at least annually and revised as needed, especially during any time of a heightened risk of disease transmission or illness present on the property. Records of these reviews are kept in the primary biosecurity binder (Appendix C).
			3. The biosecurity plan will be made available to anyone who enters to enter text.

## ***General*** Biosecurity Protocol

1. Employees
2. What clothes should employees wear to work? Is clothing provided?
3. Regulations on employees working with other birds and having poultry at home, as well as hunting waterfowl.
4. Protocols for disinfecting shoes prior to entering pens and buildings
5. Are there areas of the farm where employees are not allowed to be?
6. What types of personal protective equipment are provided for the employees?
7. Visitors
8. Are visitors required to sign in upon arrival at the facility?
9. Where are visitors allowed to go on the farm? Must they be accompanied by an employee?
10. Are visitors required to follow established biosecurity practices?
11. Where should visitor vehicles park?
12. What is the protocol for chick and adult bird pick up?
13. Animal Control
14. What is done to control the wild bird population?
15. What is done to control rodents and insects?
16. Reduce pest friendly environments
	* + - 1. Is trash and unwanted debris removed from the property in a timely manner?
				2. Are grass and weeds mowed or removed around buildings and flight pens?
17. Feed management
18. If feed is spilled, what is done with it?
19. Is unused feed removed from feeders?
20. Rodent control
21. Are bait stations or live animal traps used? Where are they located?
22. Is tin placed around the bottom of the flight pen fencing?
23. Maps for the locations of baits and traps can be found in Appendix E.
24. Insects
25. What is done to control insects in the hatchery, incubator room and egg washing room?
26. Dead birds should be disposed of in a timely manner.
27. How often are dead birds picked up?
28. What is done with dead birds?
29. Is mortality loss recorded?
30. Line of Separation & Perimeter Buffer Area
31. Line of separation (LOS): On maps, this is defined as a red line.
32. Perimeter Buffer Area (PBA) for each location is defined by the nearest road, unkempt brush, or building not associated with (Facility Name). On maps, this is defined as a yellow line.
33. General biosecurity protocol must be followed by all employees and visitors prior to crossing the Line of Separation.
34. Building #1 – building name
35. address
36. Description of procedure to cross LOS.
37. map of building with LOS and PBA
38. Building #2 – building name
39. address
40. Description of procedure to cross LOS.
41. map of building with LOS and PBA
42. Building #3 – building name
43. address
44. Description of procedure to cross LOS.
45. map of building with LOS and PBA
46. Flight Pens: The perimeter fencing of each flight pen serves as the line of separation for each pen. On maps, this is defined as a red line.
47. address
48. Description of procedure to cross LOS.
49. map of building with LOS and PBA
50. Equipment
51. Shipping containers
52. What shipping containers are used for deliveries arriving at the facility?
53. What shipping containers are used for delivering chicks to other facilities?
54. What shipping containers are used for shipping adult birds?
55. Vehicles
56. Are any vehicles used on the farm shared with other operations?
57. Are delivery vehicles cleaned prior to returning to the facility?
58. Waste, Manure and Litter Management
59. What is done at the end of the season when the flight pens are empty?
60. What is done with used litter and manure?
61. What is done with hatchery waste?
62. Replacement Poultry
63. Is replacement poultry used on this farm?
64. Is replacement poultry sourced from NPIP flocks?
65. Is there a quarantine process for adult birds arriving at the facility?
66. Water Supplies
67. Is rural or surface water used for drinking and cleaning water?
68. If surface water is used, is it treated to reduce the number of disease agents?
69. Feed and Replacement Litter
70. Where is feed and replacement litter stored?
71. What is the protocol for feed and litter deliveries?
72. Elevated Morbidity or Mortality
73. In the case of elevated morbidity or mortality, notify the Biosecurity Coordinator immediately.
74. In the event of illness in a pen, only employees assigned to that pen will be allowed into the pen to limit the spread of disease.
75. Outside Resources:
76. Dr. \_\_\_\_\_\_,State NPIP Contact
77. Dr.\_\_\_\_\_\_\_\_\_\_\_\_\_\_, APHIS VS
78. Veterinary Practitioner
79. Electric Company
80. Auditing and Further Plan Review
81. The biosecurity plan should be reviewed annually, in the event of increased mortality and morbidity present on the farm, as well as during local disease outbreaks.
82. Employees will be trained annually by reviewing the biosecurity plan. New hires will receive biosecurity training at time of hire.
83. Records kept for auditing purposes include: training, monitoring records, any corrective actions taken, and any changes and records of plan review. Examples of such logs can be found in Appendix E.
84. Training records should be kept for a minimum of 3 years. Invoices should be kept for a minimum of two years. Both forms of records can either be kept on paper or electronically, so long as they are easily accessible.

## ***Emergency*** Biosecurity Protocol

1. In the event of a serious disease problem ***on the farm***:
2. Contact the Biosecurity Coordinator immediately.
3. All vehicles, equipment, and clothing are quarantined to the farm. Nothing can leave one property location to go to another until given permission by proper regulatory authorities.
4. No clients or visitors are allowed on premises.
5. Immediately contact the state veterinarian’s office or APHIS for further instructions.
6. In the event of a natural disaster or mass mortality, a section of property will be identified for a mass burial site.
7. Upon suspicion of a serious disease problem ***in the state of \_\_\_\_\_\_***, including but not limited to highly pathogenic avian influenza (HPAI), the following biosecurity measures will be put in place:
8. Personal Protective Equipment
9. Employees may be required to change into company – provided clothing upon arrival at work. Employees would change out of provided clothing prior to leaving the property. Provided clothing will be washed on site.
10. Shoes worn into the hatchery must not be worn outside of the hatchery and need to be sprayed off with water and disinfected prior to entry.
11. If exiting the hatchery at any point, shoes need to be sprayed again with water and disinfectant.
12. Disposable gloves will be worn when handling birds, including collection of dead birds. Gloves will be changed between barns and flight pens.
13. Line of Separation
14. Foot pans with chlorine based disinfectant powder will be placed at all entrances to the hatchery, brooder barns, and flight pens. Any time personnel enter or exit a building or pen, personnel need to step in the foot pans.
15. Vehicles that have gone to other poultry farms will be washed as soon as possible after delivery. Tires will be sprayed with disinfectant prior to return to farm.

# Appendix A: Cleaning Procedures

1. The following three steps are to be followed where applicable for the time of year.
	1. Dry clean the building, including removal of all litter from previous flock
		1. Allow pens to sit idle exposed to sunlight and warm temperature if possible
	2. Wash down building and apply disinfectant
	3. Wash and disinfect all equipment within the building or pen
2. Building Cleanout and Disinfection
	1. Pre-clean
		1. Remove all feed from feeders, feed lines, and from feed tank
		2. Remove all live and dead birds from the building and properly dispose
		3. Cover all exposed electrical devices and sensors
		4. Flush, clean, and disinfect water lines using hydrogen peroxide
		5. Remove equipment if necessary
	2. Clean
		1. Push out litter and sweep the floor
		2. Brush free any debris from floor, wall, and ceiling
		3. Load litter on truck, properly cover litter, and transport off site
		4. Wash down all surfaces with high pressure water
			1. Ceiling, walls, feeders, water lines, curtains, feed tanks, floor, brooder stoves, inlets, fans, shutter, and fan boxes
			2. Pay close attention to cracks in the floor, corners, building seams and around posts
		5. Remove all excess debris and water caused by the wash down. Remove all litter, feathers, and organic debris
		6. Clean and wash down area where litter was pushed out
		7. Clean and wash entry way and services rooms
		8. Allow area to dry before applying disinfectant
	3. Disinfection
		1. Using the approved disinfectant, spray all building surfaces and equipment, applying product per label instructions.
		2. Close up building for 24 hours and allow disinfectant to dry
		3. Rinse building surfaces with water if necessary
		4. Ventilate building prior to entry

# Appendix B: Training Documentation

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, have received biosecurity training for Facility Name on this date, \_\_\_/\_\_\_\_/\_\_\_\_, by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# Appendix C: Biosecurity Plan Changes and Review

*Record all changes and dates of review of the biosecurity plan here.*

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| Date | Review/Changes Made | Signature |
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# Appendix D: Emergency Contact List

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| State Veterinarian | \_\_\_\_\_\_\_\_\_\_\_\_, Animal Health Commissioner \_\_\_\_\_\_\_\_\_\_\_ NPIP Contact |  |
| USDA APHIS Veterinarian |  |  |
| Employees |  |  |
| Feed Delivery Person |  |  |
| Clientele |  |  |
| Utility Companies  |  |  |
| Other Important Contacts |  |  |

# Appendix E: Logs

# PEST CONTROL LOG

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| *Pest Control Logs* |
| Bait Station | **Date** | **Comments** | **Initials** |
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| Traps | **Date** | **Comments** | **Initials** |
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# RODENT BAIT AND TRAP MAPS

# MORTALITY LOG

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| *Mortality Records---Location: .* |
| Date Removed | **Numbers** | **Initials** |
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# MANURE SPREADING LOG

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| *Manure Spreading Log* |
| Date Spread | **Location Spread** | **Initials** |
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# VISITOR LOG

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| *Visitor Log* |
| Date | **Name** | **Reason for Visit** | **Time In** | **Time Out** |
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