

General Quarantine Protocol

This is a draft plan and is subject to change

December 30, 2019

Introduction:

As described in the Iowa Department of Agriculture and Land Stewardships' (IDALS') *General Animal Permitting Protocol* if a Control Area is established during a Foreign Animal Disease (FAD) response in most cases any premises with susceptible species within the Area will be placed under quarantine. Premises with susceptible species will be issued an Affected Quarantine or Non-Affected Quarantine.

- **Affected Quarantine:** Issued to Infected Premises (IP) or Contact Premises (CP) and requires the establishment of a Decontamination Corridor. Premises establish a Quarantine Boundary around the premises where movement on-to and off-of the premises is only allowed through a predesignated Cold Zone and Decontamination Corridor. *See appendix 1 for an example.*
- **Non-Affected Quarantine:** Any premises in the Control Area that has had no high risk contact with an IP or CP and does not require the establishment of a Decontamination Corridor. If at any point an animal on a premises issued a Non-Affected Quarantine tests positive or high risk contact with a IP or CP is established, the quarantine can be upgraded to Affected Quarantine. *See appendix 2 for an example.*
- **Decontamination (Decon) Corridor:** Decontamination of personnel and equipment, including vehicles, occurs in this area. Stations for depositing tools, equipment, and other items are located here. Final decontamination and disinfection of PPE occur, then final doffing occurs here.

To limit access to the Quarantine Boundary only one point of entry (and Decontamination Corridor where appropriate) should be established for either type of Quarantine. A Boundary Map clearly marking both the Quarantine Boundary (and Decontamination Corridor) will be issued to the both the manager of the premises as well as the owner of the premises for all Affected Quarantines issued. IDALS will establish the following areas and zones on the premises:

- **Quarantine Boundary:** The highest-risk area of the premise and what is classically considered the “dirty” or “contaminated” area. Appraisal, depopulation, disposal, and facility cleaning/decontamination occur in this area.

- 36 • **Cold Zone – Support Zone (SZ):** The “cleanest” zone on the quarantined
37 premises. Within this zone personnel don PPE before entering the Decon Corridor.
38 Administrative, clerical, and other support staff are based here as well as facilities
39 for eating, drinking, and bathroom use. This zone is only required when Affected
40 Quarantines are issued.

41 If there are several premises that are close geographically to one another, IDALS may establish
42 traffic control points into the area to monitor all potential movements onto and off all premises.

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44 Examples of how the Boundary Map would be created for a small producer on a “home”
45 premises and premises with a large production facility are included below:

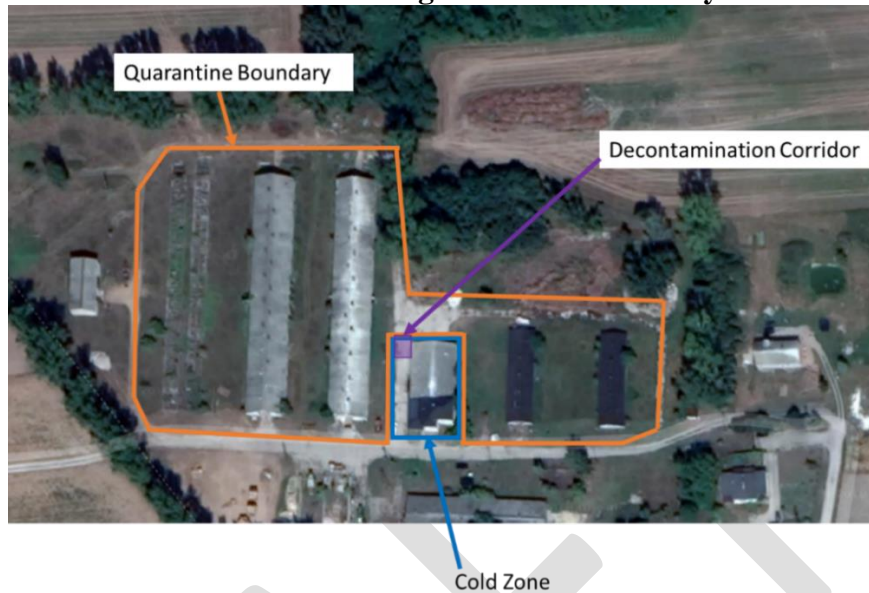
46 **Boundary Map Example for Affected Quarantine:**
47 **Small Producer on “home” Premises**



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50 *NOTE: When creating the Quarantine Boundary on a “home” premises any personal*
51 *residence for people living on the grounds should not be included inside the Quarantine*
52 *Boundary if possible.*

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Boundary Map Example for Affected Quarantine: Premises with Large Production Facility



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Ending Quarantines:

57 The requirements for ending a quarantine on a premises is disease dependent and will be based
58 on the infectivity and pathology of the disease causing agent. The general requirements for
59 ending an Affected Quarantine may include, but are not limited to:

- 60 • proper cleaning and disinfection protocols as described in *IDALS' General Cleaning and*
61 *Disinfection Protocol* were carried out and verified by IDALS or USDA;
- 62 • all infected or potentially infected biologic and organic materials on the premises have
63 been removed, destroyed, or sterilized;
- 64 • the premises following for a period of time based on the survivability of the pathogen;
- 65 • environmental testing showing that viable pathogen is no longer found on the premises;
66 and/or
- 67 • sentinel animals remaining negative via diagnostic testing after introduced to the
68 premises after one and then two incubation periods.

69 The general requirements for ending a Non- Affected Quarantine may include, but are not limited
70 to:

- 71 • IDALS and USDA determine the premises is no longer in the Control Area; and
- 72 • no animal on the premises has tested positive for the disease (*if at any point an animal*
73 *on a premises issued a Non-Affected Quarantine tests positive, the premises' quarantine*
74 *will be changed to an Affected Quarantine*).

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76 **Appendix 1: Affected Quarantine Example**

77 ***THE FOLLOWING QUARANTINE EXAMPLE IS A DRAFT AND DOES PREPARE A***
 78 ***REAL EVENT NOR OFFICIAL POLICY OF IDALS***

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80 IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

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83 IN RE: 89 ORDER NO. [redacted]

84 [Name/business entity] 90

85 [Title] 91 **ORDER OF AFFECTED QUARANTINE**

86 [Address] 92

87 [Premises ID #] 93 [date]

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I. SUMMARY

97 1. This Order of Affected Quarantine (Quarantine) requires that all [insert name(s)]
 98 *of susceptible species*], hereafter collectively referred to as “susceptible species,” or imperiling
 99 products, as set forth below, located at [insert premises address] (hereafter referred to as the
 100 “Premises” —defined below in Paragraph No. X), are hereby quarantined under suspicion of
 101 being infected with, or exposed to the disease known as [insert disease name]. [Name of
 102 *business entity/owner*] (hereafter referred to as “Owner”) is required to isolate and quarantine all
 103 of the following located at the Premises:

- 104 a. Live susceptible species of any kind (including those held as pets);
 - 105 b. Carcasses of susceptible species;
 - 106 c. Manure originating from susceptible species;
 - 107 d. Compost originating from susceptible species; or
 - 108 e. [insert additional items as needed];
- 109 ((a)-(e) are hereafter collectively referred to as “susceptible species or imperiling
 110 products”)

111 2. All persons, including, but not limited to, Owner’s workers, employees, or

112 representatives of, are prohibited from removing or delivering any susceptible species or

113 imperiling products from/to the Premises.

114 3. In addition, movement restrictions are imposed on the Premises, prohibiting the
115 movement of any vehicle or equipment onto or off-of the Premise unless done in compliance
116 with the requirements of this Quarantine or otherwise permitted by IDALS, including, but not
117 limited to, the following:

- 118 a. Susceptible species or imperiling products onto or off-of the Premises;
119 b. Animal feed onto or off-of the Premises;
120 c. Rendering trucks onto or off-of the Premises;
121 d. Manure originating from susceptible species onto or off-of the Premises;
122 e. Compost originating from susceptible species onto or off-of the Premises; and
123 f. Routine garbage or recycling collection from the Premises.
124 (hereafter collectively referred to as “products or services to care for susceptible species”)

125 4. Any movement of vehicles or equipment onto or off-of the Premises must comply
126 with proper cleaning and decontamination per [*identify/describe cleaning and disinfection*
127 *protocols*] (copy provided) and must be permitted by the Iowa Department of Agriculture and
128 Land Stewardship (IDALS).
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131 Questions regarding this Order should be directed to:

<p><u>Relating to Technical Requirements:</u></p> <p>[Name] [Title] [Bureau] [Agency] [Address] [Phone Number] [Email]</p>	<p><u>Relating to Appeal Rights:</u></p> <p>[Name] [Title] [Bureau] [Agency] [Address] [Phone Number] [Email]</p>
<p><u>Appeal, if any, to:</u></p> <p>Secretary, Iowa Dept. of Agriculture and Land Stewardship Henry A. Wallace Building 502 East 9th Street Des Moines, Iowa 50319</p>	

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II. JURISDICTION

5. IDALS may establish, maintain, enforce, and regulate quarantine and other measures relating to the movement and care of animals that may be exposed or afflicted with an infectious or contagious disease. Iowa Code § 163.1(4).

6. IDALS may order the disinfection of suspected yards, buildings, or articles, and for the destruction of animals as may be deemed necessary by the department. Iowa Code § 163.1(5).

7. IDALS may quarantine and/or destroy any animal exposed to or afflicted with an infectious or contagious disease. Iowa Code § 163.10.

144 8. Iowa Code section 163.3A(1)-(2) provides that the Iowa Department of
145 Agriculture and Land Stewardship (IDALS) may provide veterinary emergency preparedness
146 and response services necessary to prevent or control a serious threat to the state’s economy
147 caused by the transmission of a disease among livestock, including measures to ensure all such
148 animals carrying the disease are properly identified, segregated, treated, or destroyed as provided
149 by law. The services may be performed as part of measures authorized by the Governor under a
150 declaration or proclamation issued pursuant to chapter 29C.

151 9. Whenever the chief of division of animal industry (a/k/a State Veterinarian) shall
152 have knowledge of an outbreak of any contagious, infectious or communicable disease among
153 domestic animals in the state, the chief of the division of animal industry shall take such action
154 as necessary for the prevention and suppression of such disease, including establishment,
155 enforcement and maintenance of quarantines. 21 Iowa Admin. Code 64.2.

156 III. DEFINITIONS

157 10. “[*insert disease name*]” has been designated by IDALS as an infectious or
158 contagious disease. 21 Iowa Admin. Code 64.1(3).

159 11. “Cold Zone” or “Support Zone” means the “cleanest” zone on the quarantined
160 premises. Within this zone personnel don personal protective equipment (PPE) before entering
161 the Decontamination Corridor. Administrative, clerical, and other support staff may be based
162 here as well as facilities for eating, drinking, and bathroom use. The Cold Zone or Support Zone
163 will be identified on the Quarantine Boundary Map (Exhibit A), attached hereto.

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188 18. IDALS received [specific information/lab results] from/about the susceptible
189 species or imperiling products located at the Premises demonstrating the susceptible species or
190 imperiling products may be/are infected/exposed with [insert disease name].

191 V. CONCLUSIONS OF LAW

192 19. IDALS has determined that the susceptible species or imperiling products located
193 at the Premises may be/are infected/exposed with [insert disease name]. Iowa Code section
194 163.1(1)-(10) and 163.10 and 21 Iowa Administrative Code 64.2 authorize IDALS to take such
195 action as necessary for the prevention and suppression of [insert disease name], including
196 establishment, enforcement and maintenance of quarantines and imposition of movement
197 restrictions.

198 VI. ORDER

199 THEREFORE, IDALS orders the following:

200 20. All susceptible species or imperiling products or products or services to care for
201 susceptible species located at the Premises, are hereby quarantined under suspicion of being
202 infected with or exposed to the disease known as [insert disease name].

203 21. Owner is required to isolate and quarantine all susceptible species or imperiling
204 products or products or services to care for susceptible species located at the Premises. No one is
205 allowed to remove any susceptible species or imperiling products or products or services to care
206 for susceptible species from the Premises unless done in compliance with the requirements of
207 this Quarantine or otherwise permitted by IDALS. No one is allowed to move any susceptible
208 species or imperiling products or products or services to care for susceptible species onto the
209 Premises unless done in compliance with the requirements of this Quarantine or otherwise
210 permitted by IDALS.

211 22. Movement restrictions are imposed upon the Premises, prohibiting the movement
212 of any vehicles or equipment to provide products or services to care for susceptible species onto
213 or off-of the Premises unless done in compliance with the requirements of this Quarantine or
214 otherwise permitted by IDALS. In addition, movement of any vehicles or equipment onto or off-
215 of the Premises must comply with proper cleaning and decontamination per [rules for *insert*
216 *disease name*] cleaning and decontamination] (copy provided) and must be permitted by IDALS.

217 23. The quarantine of susceptible species or imperiling products or products or
218 services to care for susceptible species located at the Premises and the accompanying movement
219 restrictions shall remain in effect until revoked by the Chief of Division of Animal Industry at
220 IDALS (a/k/a State Veterinarian), or an assistant or representative of the Division of Animal
221 Industry at IDALS.

222 24. Restrictions, [*insert disease name*] testing requirements, and any depopulation or
223 decontamination requirements for removal of quarantine shall be in compliance with all state and
224 federal rules and specifically, in accordance with [*identify specific authority/protocol for removal*
225 *of quarantine*]. The general requirements for ending this quarantine may include, but are not
226 limited to:

- 227 a. Proper cleaning and disinfection protocols were carried out and verified by
228 IDALS or the United States Department of Agriculture (USDA);
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230 b. All infected or potentially infected biologic and organic materials on the
231 Premises have been removed, destroyed, or sterilized;
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233 c. The Premises following for a period of time based on the survivability of the
234 [*insert disease name*] pathogen;
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236 d. Environmental testing showing that viable [*insert disease name*] pathogen is
237 no longer found on the Premises; and/or
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239 e. Sentinel animals remaining negative via diagnostic testing after introduced to
240 the Premises after a set period of time.
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242 25. The quarantine of susceptible species or imperiling products or products or
243 services to care for susceptible species located at the Premises and accompanying movement
244 restrictions are effective upon the issuance of this Order.

245 **VII. EMERGENCY ADJUDICATIVE PROCEEDING**

246 26. IDALS is issuing this quarantine because the outbreak of or exposure to *[insert*
247 *disease name]* in the susceptible species or imperiling products or products or services to care for
248 susceptible species located at the Premises. *[insert disease name]* is contagious to other
249 susceptible species and may impact the health and well-being of other susceptible species in
250 Iowa, which requires immediate agency action.

251 27. *[insert description of disease background]*.

252 **VIII. APPEAL RIGHTS**

253 28. A written Notice of Appeal may be filed with the Secretary within 30 days of
254 your receipt of this Order. The Notice of Appeal shall be sent to the address provided above. An
255 appeal proceeding will then be commenced. You may contact Jacob Larson, attorney for the
256 Department, for more information regarding appeal procedures and resolution of this Order.

257 **IX. NONCOMPLIANCE**

258 29. Failure to comply with this Order may result in the imposition of civil penalties
259 and injunctive relief pursuant to Iowa Code sections 163.61 and 163.62.
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261 **EXHIBIT A: Quarantine Boundary Map of Premises ([insert premises ID #])**



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264 **Appendix 2: Non-Affected Quarantine Example**

265 ***THE FOLLOWING QUARANTINE EXAMPLE IS A DRAFT AND DOES PREPSENT A***
 266 ***REAL EVENT NOR OFFICIAL POLICY OF IDALS***

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 268 IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

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271 IN RE: 28088)
 272 [Name/business entity] 281289 ORDER NO. []
 273 [Title] 28290
 274 [Address] 28391 **ORDER OF AFFECTED QUARANTINE**
 275 [Premises ID #] 28492
 276 28593 [date]
 277 28694
 278 287
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296 **X. SUMMARY**

297 1. This Order of Non-Affected Quarantine (Quarantine) requires that all [insert
 298 *name(s) of susceptible species*], hereafter collectively referred to as “susceptible species,” or
 299 imperiling products, as set forth below, located at [insert premises address] (hereafter referred to
 300 as the “Property”), are hereby quarantined. This Property is located within a Control Area
 301 established by the Iowa Department of Agriculture and Land Stewardship (IDALS) as a result of
 302 an outbreak of [insert disease name]. [Name of business entity/owner] (hereafter referred to as
 303 “Owner”) is required to isolate and quarantine all of the following located at the Property:

- 304 a. Live susceptible species of any kind (including those held as pets);
 - 305 b. Carcasses of susceptible species;
 - 306 c. Manure originating from susceptible species;
 - 307 d. Compost originating from susceptible species; or
 - 308 e. [insert additional items as needed];
- 309 ((a)-(e) are hereafter collectively referred to as “susceptible species or imperiling
 310 products”)
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312 2. All persons, including, but not limited to Owner’s workers, employees, or
 313 representatives, are prohibited from removing or delivering any susceptible species or imperiling
 314 products from/to the Property.

315 3. In addition, movement restrictions are imposed on the Property, prohibiting the
 316 movement of any vehicle or equipment onto or off-of the Property unless done in compliance
 317 with the requirements of this Quarantine or otherwise permitted by IDALS, including, but not
 318 limited to, the following:

- 319 a. Susceptible species or imperiling products onto or off-of the Property;
 - 320 b. Animal feed onto or off-of the Property;
 - 321 c. Rendering trucks onto or off-of the Property;
 - 322 d. Manure originating from susceptible species onto or off-of the Property;
 - 323 e. Compost originating from susceptible species onto or off-of the Property;
 - 324 and
 - 325 f. Routine garbage or recycling collection from the Property.
- 326 (hereafter collectively referred to as “products or services to care for susceptible species”)

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 328 Questions regarding this Order should be directed to:

<p><u>Relating to Technical Requirements:</u></p> <p>[Name] [Title] [Bureau] [Agency] [Address] [Phone Number] [Email]</p>	<p><u>Relating to Appeal Rights:</u></p> <p>[Name] [Title] [Bureau] [Agency] [Address] [Phone Number] [Email]</p>
<p><u>Appeal, if any, to:</u></p> <p>Secretary, Iowa Dept. of Agriculture and Land Stewardship Henry A. Wallace Building 502 East 9th Street Des Moines, Iowa 50319</p>	

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XI. JURISDICTION

4. IDALS may establish, maintain, enforce, and regulate quarantine and other measures relating to the movement and care of animals that may be exposed or afflicted with an infectious or contagious disease. Iowa Code § 163.1(4).

5. IDALS may order the disinfection of suspected yards, buildings, or articles, and for the destruction of animals as may be deemed necessary by the department. Iowa Code § 163.1(5).

6. IDALS may quarantine or destroy any animal exposed to or afflicted with an infectious or contagious disease. Iowa Code § 163.10.

7. Iowa Code section 163.3A(1)-(2) provides that the Iowa Department of Agriculture and Land Stewardship (IDALS) may provide veterinary emergency preparedness and response services necessary to prevent or control a serious threat to the state’s economy caused by the transmission of a disease among livestock, including measures to ensure all such animals carrying the disease are properly identified, segregated, treated, or destroyed as provided by law. The services may be performed as part of measures authorized by the Governor under a declaration or proclamation issued pursuant to chapter 29C.

8. Whenever the chief of division of animal industry (a/k/a State Veterinarian) shall have knowledge of an outbreak of any contagious, infectious or communicable disease among domestic animals in the state, the chief of the division of animal industry shall take such action as necessary for the prevention and suppression of such disease, including establishment, enforcement and maintenance of quarantines. 21 Iowa Admin. Code 64.2.

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XII. DEFINITIONS

- 9. “[insert disease name]” has been designated by IDALS as an infectious or contagious disease. 21 Iowa Admin. Code 64.1(3).
- 10. “Control Area” is defined as “an area designated by IDALS as higher risk because of its proximity to an infected premises, including an area at least 10km (~6.21 miles) beyond the perimeter of the an infected premises.”
- 11. “Infectious or contagious disease” means “glanders, farcy, maladie du coit (dourine), anthrax, foot and mouth disease, scabies, classical swine fever, tuberculosis, brucellosis, vesicular exanthema, scrapie, rinderpest, avian influenza or Newcastle disease as provided in chapter 165B, pseudorabies as provided in chapter 166D, or any other transmissible, transferable, or communicable disease so designated by the department.” Iowa Code § 163.2(5).
- 12. “Quarantine” is defined as “the perfect isolation of all diseased or suspected animals from contact with other animals as well as the exclusion of other animals from yards, stables, enclosures or grounds where suspected or diseased animals are or have been kept.” 21 Iowa Admin. Code 64.6.

XIII. STATEMENT OF FACTS

- 13. Owner owns and/or cares for susceptible species or imperiling products located at [address]— the Property.
- 14. On [insert date], IDALS received [specific information establishing location (and lack of IP or CP contact) in a Control Area for given disease] from/about the susceptible species or imperiling products located at the Property.

373 **XIV. CONCLUSIONS OF LAW**

374 15. IDALS has determined that the susceptible species or imperiling products located
375 at the Property, may be/are infected/exposed with [*insert disease name*]. Iowa Code section
376 163.1(1)-(10) and 163.10 and 21 Iowa Administrative Code 64.2 authorize IDALS to take such
377 action as necessary for the prevention and suppression of [*insert disease name*], including
378 establishment, enforcement and maintenance of quarantines and imposition of movement
379 restrictions.

380 **XV. ORDER**

381 THEREFORE, IDALS orders the following:

382 16. All susceptible species or imperiling products or products or services to care for
383 susceptible species located at the Property, are hereby quarantined due to their location in a
384 Control Area established as a result of an outbreak of [*insert disease name*].

385 17. Owner is required to isolate and quarantine all susceptible species or imperiling
386 products or products or services to care for susceptible species located at the Property.

387 18. No one is allowed to remove any susceptible species or imperiling products or
388 products or services to care for susceptible species from the Property unless done in compliance
389 with the requirements of this Quarantine or otherwise permitted by IDALS. No one is allowed to
390 move any susceptible species or imperiling products or products or services to care for
391 susceptible species onto the Property unless done in compliance with the requirements of this
392 Quarantine or otherwise permitted by IDALS.

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394 19. Movement restrictions are imposed upon the Property, prohibiting the movement
395 of any vehicles or equipment to provide products or services to care for susceptible species onto
396 or off-of the Property unless done in compliance with the requirements of this Quarantine or
397 otherwise permitted by IDALS.

398 20. The quarantine of susceptible species or imperiling products or products or
399 services to care for susceptible species located at the Property and the accompanying movement
400 restrictions shall remain in effect until revoked by the Chief of Division of Animal Industry at
401 IDALS (a/k/a State Veterinarian), or an assistant or representative of the Division of Animal
402 Industry at IDALS, or IDALS rescinds the Control Area designation for geographic area in
403 which the Property is located, whichever comes first.

404 21. The quarantine of susceptible species or imperiling products or products or
405 services to care for susceptible species located at the Property and accompanying movement
406 restrictions are effective upon the issuance of this Order.

407 22. If at any point susceptible species on the Property tests positive for [*insert disease*
408 *name*] or high risk contact with an infected premises or contact premises is established, IDALS
409 may upgrade this Non-Affected Quarantine to an Affected Quarantine.

410 **XVI. EMERGENCY ADJUDICATIVE PROCEEDING**

411 23. IDALS is issuing this quarantine because susceptible species or imperiling
412 products or products or services to care for susceptible species located at the Property are located
413 within a Control Area established by IDALS as a result the outbreak of [*insert disease name*],
414 which is contagious to other susceptible species and may impact the health and well-being of
415 other susceptible species in Iowa, and requires immediate agency action.

416 24. [*insert description of disease background*]

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XVII. APPEAL RIGHTS

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25. A written Notice of Appeal may be filed with the Secretary within 30 days of

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your receipt of this Order. The Notice of Appeal shall be sent to the address provided above. An

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appeal proceeding will then be commenced. You may contact Jacob Larson, attorney for the

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Department, for more information regarding appeal procedures and resolution of this Order.

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XVIII. NONCOMPLIANCE

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26. Failure to comply with this Order may result in the imposition of civil penalties

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and injunctive relief pursuant to Iowa Code sections 163.61 and 163.62.

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