



Animal and
Plant Health
Inspection
Service

Veterinary
Services

Swine 2006 Second VS Visit



National Animal Health
Monitoring System

2150 Centre Ave. , Bldg. B
Fort Collins, CO 80526-8117

Form Approved
OMB Number 0579-
Approval expires 08/31/09

State FIPS: _____ 2 digits	Operation #: _____ 4-digits	Site #: _____ 2 digits	Interviewer: _____ initials	Date: ____/____/____ (mm/dd/yy)
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Collection Period: December 4, 2006–February 28, 2007 Arrival time at site: _____

INTERVIEWER'S INSTRUCTION: Be sure that you and the producer complete this questionnaire for the **same site** for which NASS completed the GSFR and you previously completed the Initial VS Visit. Although inventories might be different from those in the Initial Visit, it is recommended that you take the yellow copy of the first page of the Initial VS Visit questionnaire for comparison.

Section 1—December Inventory

	Head
1. On this site on December 1, 2006, how many hogs and pigs were:	
a. Sows and bred gilts for breeding	
b. Unmated gilts in the breeding herd (replacements)	
c. Unmated gilts for breeding not yet in the breeding herd (replacements)	
d. Suckling pigs	
e. Boars and young males for breeding	
f. Cull boars, sows, and gilts	
g. Weaned market hogs under 60 pounds	
h. Market hogs 60 pounds and over (excluding cull sows, gilts, and boars)	
Total number of hogs and pigs on this site on December 1, 2006	

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-. The time required to complete this information collection is estimated to average 1.0 hours per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collected.

NAHMS-179
SEP 2006

Section 2—Breeding-Age Females

<p>2. Were there any breeding-age females on this site between June 1 and November 30, 2006? [Circle YES or NO in code box.] If NO, SKIP to item 14.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Code</th> </tr> <tr> <td style="width: 50%;">Yes₁</td> <td>No₃</td> </tr> </table>	Code		Yes ₁	No ₃																																																																									
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<p>3. During the 6-month period of June 1 through November 30, 2006, how many sows and gilts entered the gestation and farrowing phases on this site? [Include purchases and movements from other facilities.]</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">GESTATION Head</th> <th style="width: 50%;">FARROWING Head</th> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	GESTATION Head	FARROWING Head																																																																											
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<p>4. Of these pigs (item 3), how many head or what percent originated from:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 5%; text-align: center;">+</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">%</td> <td style="width: 10%;"></td> <td style="width: 5%;"></td> <td style="width: 10%; text-align: center;">%</td> </tr> <tr> <td>a. On-site?</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>b. Another site belonging to this operation?</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>c. Other pig producer(s) (e.g., farm-to-farm, contract or noncontract)?</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>d. An auction, sale barn, or livestock market?</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>e. Another source? (specify: _____)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">Total (Should equal item 3 or 100%)</td> <td style="text-align: center;">=</td> <td></td> <td></td> <td style="text-align: center;">100%</td> </tr> </table>		+		%			%	a. On-site?							b. Another site belonging to this operation?							c. Other pig producer(s) (e.g., farm-to-farm, contract or noncontract)?							d. An auction, sale barn, or livestock market?							e. Another source? (specify: _____)							Total (Should equal item 3 or 100%)			=			100%	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Head OR Percent</th> <th colspan="2">Head OR Percent</th> </tr> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">%</td> <td></td> <td style="text-align: center;">%</td> </tr> <tr> <td></td> <td style="text-align: center;">%</td> <td></td> <td style="text-align: center;">%</td> </tr> <tr> <td></td> <td style="text-align: center;">%</td> <td></td> <td style="text-align: center;">%</td> </tr> <tr> <td></td> <td style="text-align: center;">%</td> <td></td> <td style="text-align: center;">%</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td></td> <td style="text-align: center;">100%</td> </tr> </table>	Head OR Percent		Head OR Percent							%		%		%		%		%		%		%		%		100%		100%
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<p>5. During the 6-month period of June 1 through November 30, 2006, how many breeding-age females:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">a. Died?</td> <td style="width: 20%;"></td> <td style="width: 10%; text-align: center;">+</td> <td style="width: 10%;"></td> </tr> <tr> <td>b. Were culled? If item 5b equals zero (none culled), SKIP to item 7.</td> <td></td> <td></td> <td></td> </tr> </table>	a. Died?		+		b. Were culled? If item 5b equals zero (none culled), SKIP to item 7.				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Head</th> </tr> <tr> <td style="height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> </tr> </table>	Head																																																																				
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<p>6. Of those that were culled (item 5b), how many were culled due to: [pick one PRIMARY reason for each animal culled]:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">a. Old age?</td> <td style="width: 20%;"></td> <td style="width: 10%; text-align: center;">+</td> <td style="width: 10%;"></td> </tr> <tr> <td>b. Lameness?</td> <td></td> <td style="text-align: center;">+</td> <td></td> </tr> <tr> <td>c. Small litter size, high preweaning mortality, or low birth weight (poor breeding performance)?</td> <td></td> <td style="text-align: center;">+</td> <td></td> </tr> <tr> <td>d. Reproductive failure (failure to rebreed, failure to farrow)?</td> <td></td> <td style="text-align: center;">+</td> <td></td> </tr> <tr> <td>e. Injury?</td> <td></td> <td style="text-align: center;">+</td> <td></td> </tr> <tr> <td>f. Other reasons (specify _____)?</td> <td></td> <td style="text-align: center;">+</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">Total culled [Should equal item 5b]</td> <td style="text-align: center;">=</td> </tr> </table>	a. Old age?		+		b. Lameness?		+		c. Small litter size, high preweaning mortality, or low birth weight (poor breeding performance)?		+		d. Reproductive failure (failure to rebreed, failure to farrow)?		+		e. Injury?		+		f. Other reasons (specify _____)?		+		Total culled [Should equal item 5b]			=	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Head</th> </tr> <tr> <td style="height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> </tr> </table>	Head																																																
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<p>7. During the 6-month period of June 1 through November 30, 2006, On this site, did you regularly give any of the following treatments to breeding females, boars, or piglets before or at weaning: [Circle YES, N/A, NO, or Don't Know in code boxes a-g.]</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>a. Dewormer?</td> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td>b. Mange/lice treatment?</td> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td>c. Iron (orally or through injection)?</td> <td style="background-color: black;"></td> <td style="background-color: black;"></td> <td style="background-color: black;"></td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td>d. Antibiotics in feed?</td> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td>e. Antibiotics in water?</td> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td>f. Antibiotics—oral?</td> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td>g. Antibiotics—injection?</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> </table>						a. Dewormer?	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	b. Mange/lice treatment?	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	c. Iron (orally or through injection)?				Yes ₁ N/A ₂ No ₃ D/K ₄	d. Antibiotics in feed?	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	e. Antibiotics in water?	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	f. Antibiotics—oral?	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	g. Antibiotics—injection?	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">Breeding Females Including Gilts (Code)</th> <th style="width: 33%;">Boars (Code)</th> <th style="width: 33%;">Piglets (Code)</th> </tr> <tr> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td style="text-align: center;">Yes₁ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> <tr> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> <td style="text-align: center;">Yes₁ N/A₂ No₃ D/K₄</td> </tr> </table>	Breeding Females Including Gilts (Code)	Boars (Code)	Piglets (Code)	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄																			
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8. During the 6-month period of June 1 through November 30, 2006,						
Were antibiotics used in feed, water, or by injection in the following ways in the following types of pigs: [Circle YES, N/A, NO, or Don't Know in code boxes]		Occasional Short Term Treatment	Occasional Short Term Prevention (pulse dosing)	Occasional Individuals or Groups	Continuously	
a. Breeding Females:	(i) Feed	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	
	(ii) Water	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	
	(iii) Injection	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄		
b. Boars:	(i) Feed	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	
	(ii) Water	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	
	(iii) Injection	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄		
c. Piglets:	(i) Feed	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	
	(ii) Water	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	
	(iii) Injection	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄	Yes ₁ N/A ₂ No ₃ D/K ₄		

9. Did any sows or gilts farrow on this site between June 1 and November 30, 2006 ? [Circle YES or NO in code box.] If NO, SKIP to item 14.		Code		
		Yes ₁	No ₃	
10. During the 6-month period of June 1 through November 30, 2006 ,		Head		
a. How many sows and gilts farrowed?				
b. How many pigs were born (including stillborns and mummies)?				
c. How many of the (item 10b) pigs were born alive ?				
d. Of the pigs born alive (item 10c), how many have been or will be weaned ?				
11. Then, the number of preweaning deaths that occurred (June 1-November 30) was: [Subtract item 10d from 10c, and enter result.]		Head		
12. During this 6-month time period, how many or what percent of the preweaning deaths (item 11) were primarily due to:		Head	or	Percent
a. Scours? (e.g., Chilling, Rotavirus, Coccidiosis, <i>E. coli</i> , TGE, or <i>Clostridia</i>) +				%
b. Crushing by sow (laid on)? +				%
c. Starvation? +				%
d. Respiratory problems? (e.g., PRRS or Rhinitis) +				%
e. Other known problems? (specify _____) +				%
f. Unknown problems? +				%
Total (Must equal item 11 or 100%) =			or	100%
13. What was the average age , in number of days, of pigs at weaning for the period June 1 through November 30, 2006 ?		Days		

Section 3—Nursery-age Pigs

14. Were there any Nursery-Age pigs on this site between June 1 and November 30, 2006 ? These would be pigs from weaning to approximately 60 pounds. [<i>Circle YES or NO in code box.</i>] If NO, SKIP to item 24.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="padding: 2px;">Code</th> </tr> <tr> <td style="padding: 2px;">Yes₁</td> <td style="padding: 2px;">No₃</td> </tr> </table>	Code		Yes ₁	No ₃																							
Code																												
Yes ₁	No ₃																											
15. During the 6-month period of June 1 through November 30, 2006 , how many pigs entered the nursery phase or the nursery units on this site (Include farrowings, purchases, and movements from other facilities)?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 2px;">Head</th> </tr> <tr> <td style="height: 20px;"></td> </tr> </table>	Head																										
Head																												
16. Of these pigs (item 15), how many head or what percent originated from:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 5%; text-align: center;">or</th> <th style="width: 35%;"></th> </tr> <tr> <th style="text-align: center;">Head</th> <th></th> <th style="text-align: center;">Percent</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">a. On-site (e.g., farrowing units on this site)? +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">b. Another site belonging to this operation (e.g., farrowing or nursery units belonging to this operation)? +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">c. Other pig producer(s) (e.g., farm-to-farm, contract or noncontract)? +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">d. An auction, sale barn, or livestock market? +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">e. Another source? (specify: _____) +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px; text-align: right;">Total (Must equal item 15 <u>or</u> 100%) =</td> <td style="text-align: center;">or</td> <td style="text-align: center;">100%</td> </tr> </tbody> </table>		or		Head		Percent	a. On-site (e.g., farrowing units on this site)? +		%	b. Another site belonging to this operation (e.g., farrowing or nursery units belonging to this operation)? +		%	c. Other pig producer(s) (e.g., farm-to-farm, contract or noncontract)? +		%	d. An auction, sale barn, or livestock market? +		%	e. Another source? (specify: _____) +		%	Total (Must equal item 15 <u>or</u> 100%) =	or	100%			
	or																											
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d. An auction, sale barn, or livestock market? +		%																										
e. Another source? (specify: _____) +		%																										
Total (Must equal item 15 <u>or</u> 100%) =	or	100%																										
17. [<i>Ask this question only if any of 16b-e have > 0 responses.</i>] During the 6-month period of June 1 through November 30, 2006 , how many different off-site sources were used to fill the nursery units on this site?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 2px;">Number</th> </tr> <tr> <td style="height: 20px;"></td> </tr> </table>	Number																										
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18. Were new nursery pigs put immediately in the same building/area with other pigs that were already there? [<i>Circle YES, NO, or Don't Know in code box.</i>]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3" style="padding: 2px;">Code</th> </tr> <tr> <td style="padding: 2px;">Yes₁</td> <td style="padding: 2px;">No₃</td> <td style="padding: 2px;">D/K₄</td> </tr> </table>	Code			Yes ₁	No ₃	D/K ₄																					
Code																												
Yes ₁	No ₃	D/K ₄																										
19. During the 6-month period of June 1 through November 30, 2006 , how many pigs died during the nursery phase or in the nursery units on this site? If item 19 equals ZERO (none died), SKIP to item 21.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 2px;">Head</th> </tr> <tr> <td style="height: 20px;"></td> </tr> </table>	Head																										
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20. Of those that died (item 19), how many or what percent died primarily due to:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 5%; text-align: center;">or</th> <th style="width: 35%;"></th> </tr> <tr> <th style="text-align: center;">Head</th> <th></th> <th style="text-align: center;">Percent</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">a. Scours? (e.g., Rotavirus, Coccidiosis, <i>E. coli</i>, TGE, <i>Salmonella</i>, or <i>Clostridia</i>) +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">b. Starvation? +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">c. Respiratory problems? (e.g., PRRS, PMWS, <i>Mycoplasma</i> or Rhinitis) +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">d. CNS/meningitis? (e.g., <i>Hemophilus</i>, <i>Strep. suis</i>, or <i>E. coli</i> [edema disease])</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">e. Other known problems? (specify _____) +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px;">f. Unknown problems? +</td> <td style="text-align: center;"> </td> <td style="text-align: center;">%</td> </tr> <tr> <td style="padding: 2px; text-align: right;">Total died (Must equal item 19 <u>or</u> 100%) =</td> <td style="text-align: center;">or</td> <td style="text-align: center;">100%</td> </tr> </tbody> </table>		or		Head		Percent	a. Scours? (e.g., Rotavirus, Coccidiosis, <i>E. coli</i> , TGE, <i>Salmonella</i> , or <i>Clostridia</i>) +		%	b. Starvation? +		%	c. Respiratory problems? (e.g., PRRS, PMWS, <i>Mycoplasma</i> or Rhinitis) +		%	d. CNS/meningitis? (e.g., <i>Hemophilus</i> , <i>Strep. suis</i> , or <i>E. coli</i> [edema disease])		%	e. Other known problems? (specify _____) +		%	f. Unknown problems? +		%	Total died (Must equal item 19 <u>or</u> 100%) =	or	100%
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f. Unknown problems? +		%																										
Total died (Must equal item 19 <u>or</u> 100%) =	or	100%																										
21. What was the average age of pigs, in number of days, when:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 2px;">Age in Days</th> </tr> <tr> <td style="padding: 2px;">a. They entered the nursery phase from June 1 through November 30, 2006?</td> </tr> <tr> <td style="padding: 2px;">b. They left the nursery phase from June 1 through November 30, 2006?</td> </tr> </table>	Age in Days	a. They entered the nursery phase from June 1 through November 30, 2006 ?	b. They left the nursery phase from June 1 through November 30, 2006 ?																								
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a. They entered the nursery phase from June 1 through November 30, 2006 ?																												
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22. During the 6-month period of June 1 through November 30, 2006 , on this site did you regularly give any of the following treatments to Nursery-Age pigs: [<i>Circle YES, NO, or Don't Know in code boxes a-f.</i>]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 2px;">Code</th> </tr> <tr> <td style="height: 20px;"></td> </tr> </table>	Code																										
Code																												

a. Dewormer?	Yes ₁ No ₃ D/K ₄			
b. Mange/lice treatment?	Yes ₁ No ₃ D/K ₄			
c. Antibiotics in feed?	Yes ₁ No ₃ D/K ₄			
d. Antibiotics in water?	Yes ₁ No ₃ D/K ₄			
e. Antibiotics—oral?	Yes ₁ No ₃ D/K ₄			
f. Antibiotics—injection?	Yes ₁ No ₃ D/K ₄			
23. During the 6-month period of June 1 through November 30, 2006, were antibiotics used in feed, water, or by injection in the following ways in Nursery-Age pigs: [Circle YES, N/A, NO, or Don't Know in code boxes]	Occasional Short Term Treatment	Occasional Short Term Prevention (pulse dosing)	Occasional Individuals or Groups	Continuously
a. Feed	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
b. Water	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
c. Injection	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	

Section 4—Grower/Finisher Pigs

24. Were there any Grower/Finisher pigs on this site between June 1 and November 30, 2006 ? These would be pigs from approximately 60 pounds to market weight. [Circle YES or NO in code box.] If NO, SKIP to Item 34.	Code	
	Yes ₁	No ₃
25. During the 6-month period of June 1 through November 30, 2006 , how many pigs entered the Grower/Finisher phase or Grower/Finisher units on this site? (Include those that came from the on-site nursery phase, purchases, and movements from other facilities.)	Head	
26. Of these pigs (item 25), how many head or what percent originated from:	Head	or
a. On-site (e.g., nursery phase/units on this site)? +		Percent
b. Another site belonging to this operation (e.g., nursery units belonging to this operation)? +		%
c. Other pig producer(s) (e.g., farm-to-farm, contract or noncontract)? +		%
d. An auction, sale barn, or livestock market? +		%
e. Another source? (specify: _____) +		%
Total (Must equal item 25 <u>or</u> 100%) =		or 100%
27. [Ask this question only if any of 26b-e have > 0 responses.] During the 6-month period of June 1 through November 30, 2006 , how many different off-site pig sources were used to fill the Grower/Finisher units on this site?	Number	

28. Were new Grower/Finisher pigs put immediately in the same building/area with other pigs that were already there? [Circle YES, NO, or Don't Know in code box.]	Code	
	Yes ₁	No ₃ D/K ₄

29. During the 6-month period of **June 1** through **November 30, 2006**, how many pigs **died** during the **Grower/Finisher phase** or in **Grower/Finisher units** on this site?
If ZERO (none died), SKIP to item 31.

Head

30. Of those that died (item 29), how many or what percent primarily died due to:

		Head	or	Percent
a. Scours? (e.g., <i>Lawsonia</i> , <i>E. coli</i> , TGE, <i>Salmonella</i> , or Swine dysentery)	+			%
b. Lameness?	+			%
c. Injury or trauma (tail biting, etc.)?	+			%
d. Respiratory problems? (e.g., PRRS, PMWS, <i>Mycoplasma</i> , <i>Actinobacillus</i> or Flu)				%
e. Undiagnosed sudden death?	+			%
f. Other known problems? (specify: _____)	+			%
g. Unknown problems?	+			%
Total died (Must equal item 29 <u>or</u> 100%) =			or	100%

31. What was the **average age** of pigs, in number of days, when:

Age in Days

a. They entered the Grower/Finisher phase/units from **June 1** through **November 30, 2006**?

b. They left the Grower/Finisher phase/units from **June 1** through **November 30, 2006** (age at slaughter weight)?

32. During the 12-month period of **December 1, 2005** through **November 30, 2006**, on this site did you **regularly give** any of the following treatments to Grower/Finisher pigs: [Circle YES, NO, or Don't Know in code boxes a-f.]

Code
Yes ₁ No ₃ D/K ₄
Yes ₁ No ₃ D/K ₄
Yes ₁ No ₃ D/K ₄
Yes ₁ No ₃ D/K ₄
Yes ₁ No ₃ D/K ₄
Yes ₁ No ₃ D/K ₄

a. Dewormer?

b. Mange/lice treatment?

c. Antibiotics in feed?

d. Antibiotics in water?

e. Antibiotics—oral?

f. Antibiotics—injection?

33. During the 6-month period of June 1 through November 30, 2006, were antibiotics used in feed, water, or by injection in the following ways in Grower/Finisher pigs: [Circle YES, NO, or Don't Know in code boxes]

	Occasional Short Term Treatment	Occasional Short Term Prevention (pulse dosing)	Occasional Individuals or Groups	Continuously
a. Feed	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
b. Water	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
c. Injection	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	

Section 5—General Information and Biosecurity

34. Of all pigs that died during the 6-month period of June 1 through November 30, 2006 , on this site, what percent of [read column headings] were disposed of by: (If column heading not applicable, enter N/A.)		Pigs Not Yet Weaned		Weaned Pigs and Older Hogs
a. Burial on this site?	+	%		%
b. Burning on this site?	+	%		%
c. Renderer pickup on this site?	+	%		%
d. Renderer pickup outside of this site?	+	%		%
e. Composting on this site?	+	%		%
f. Offsite burial (such as landfill)	+	%		%
g. Some other means? (specify: _____)	+	%		%
Total (Should equal 100%).		100%		100%

[VMO NOTE: This matrix will describe pig movement which is important in modeling the potential spread of a FAD if one was to occur.]

35. The next question asks about how often one or more pigs were sent to various destinations during the period of **June 1** through **November 30, 2006**. What was the type of pig (**List 1**), type of destination (**List 2**) for that pig type, **number** of shipments in the category, and the **usual distance** [for each category, in miles] traveled to the destination, and did these shipments **ever cross a State line**?

			Of all shipments to each destination for each type of pig:	
1	2	3	4	5
Type of pig (code from List 1)	Type of destination (code from List 2)	Number of shipments to destination June 1 through November 30, 2006	Usual distance traveled to destination? (based on all trips, in miles, one way)	Did shipments ever cross State lines?
a				Yes ₁ No ₃ D/K ₄
b				Yes ₁ No ₃ D/K ₄
c				Yes ₁ No ₃ D/K ₄
d				Yes ₁ No ₃ D/K ₄
e				Yes ₁ No ₃ D/K ₄
f				Yes ₁ No ₃ D/K ₄
g				Yes ₁ No ₃ D/K ₄

[VMO NOTE: The same Type of pig code may be recorded more than once for different Destination Types.]

LIST 1 - Type of Pig	LIST 2 - Destination Type
1. Nursery piglets less than 60 pounds 2. Feeder pigs, or pigs in weight range 60 to 249 pounds 3. Market hogs, or hogs ≥250 pounds 4. Breeding animal (intended for use in breeding, whether permanent or temporary move) 5. Culls (of any type, e.g., sow, gilt, boar or grower/finisher.)	1. Directly to slaughter 2. Sales/auction/buying station 3. Dealer 4. Show/Fair 5. Feedlot/feed yard 6. Another operation 7. Another site that is part of this operation (e.g., nursery, grower)

36. How many buildings on this site are used to HOUSE SWINE of any type? If ZERO, SKIP to item 39.	Number of Buildings
--	----------------------------

37. How many of these buildings are constructed and structurally maintained to keep out:	Number of Buildings				
a. Birds?					
b. Rats and mice?					
c. Cats?					
d. Dogs?					
38. How many of these buildings have rodent bait stations placed:	Number of Buildings				
a. Inside the building?					
b. Outside the building perimeter 50 feet or less apart from other bait stations?					
c. Outside the building perimeter more than 50 feet apart from other bait stations?					
39. Do you store your feed in any of the following ways? If Yes , for these storage types, could the following types of animals [read column heading] get into the feed? [Circle YES, NO, or Don't Know in the code boxes a-d.]					
Storage Type	Store feed this way?	If Yes, could the following animals get into the feed?			
		Birds?	Cats?	Rats and Mice?	Dogs?
a. Open structure?	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
b. Closed structure?	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
c. Bags?	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
d. Piles?	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄	Yes ₁ No ₃ D/K ₄
40. [Ask this question only if 39a and/or 39b were "Yes."] For the feed structures from item 39, are rodent bait stations placed: [Circle YES or NO in code boxes a-c.]		Code			
a. Inside the structure?	Yes ₁	No ₃			
b. Outside the structure perimeter 50 feet apart or less from other bait stations?	Yes ₁	No ₃			
c. Outside the structure perimeter more than 50 feet apart from other bait stations?	Yes ₁	No ₃			
41. Which of the following ingredients are used in any feed rations fed to any hogs on this site? [Circle YES, NO, or Don't Know in code boxes a-i.]		Code			
a. Tallow (animal fat from cattle or sheep)	Yes ₁	No ₃	D/K ₄		
b. Lard (pork fat)	Yes ₁	No ₃	D/K ₄		
c. Other animal fat (specify: _____)	Yes ₁	No ₃	D/K ₄		
d. Vegetable fat made from soybeans	Yes ₁	No ₃	D/K ₄		
e. Other vegetable fat (specify: _____)	Yes ₁	No ₃	D/K ₄		
f. Molasses	Yes ₁	No ₃	D/K ₄		
g. Spray-dried plasma	Yes ₁	No ₃	D/K ₄		
h. Blood meal, serum albumin, or other blood products	Yes ₁	No ₃	D/K ₄		
i. Meat and bone-meal (tankage)	Yes ₁	No ₃	D/K ₄		
42. Does this site have a policy prohibiting employees from coming into contact with swine that are not on this site (e.g., pigs on neighbor's farm or on employee's own farm)? [Circle YES, NO, or Don't Know in code box.]		Code			
		Yes ₁	No ₃	D/K ₄	

43. When TREATING disease conditions with antibiotics in each of the 3 types of pigs (<i>read column heading</i>), are any of the following types of information typically recorded? [<i>Circle YES, N/A, or NO in code boxes a-l.</i>] Note: Circle "N/A" only if that type of animal is not present.	Breeding Animal Code	Nursery-age Code	Grower/ Finisher Code
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃
	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃	Yes ₁ N/A ₂ No ₃

44. Does this site or operation: a. Use commercial software for keeping individual sow production records? [<i>Circle YES, N/A, NO, or Don't Know in code box.</i>] b. Use commercial software for keeping group sow production records? [<i>Circle YES, N/A, NO, or Don't Know in code box.</i>] c. Use commercial software for keeping group growing pig (e.g., nursery, grower-finisher, wean-finish) production records? [<i>Circle YES, N/A, NO, or Don't Know in code box.</i>]	Code
	Yes ₁ N/A ₂ No ₃ D/K ₄
	Yes ₁ N/A ₂ No ₃ D/K ₄
	Yes ₁ N/A ₂ No ₃ D/K ₄

45. For each of the following production phases, what percentage of pigs would have to die before you contacted a veterinarian? (<i>Write in N/A if production phase is not on this site.</i>) a. Breeding herd b. Preweaned piglets c. Nursery-Age pigs (weaning to approximately 60 pounds) d. Grower/Finisher pigs e. Other age group (specify: _____)	Percent
	%
	%
	%
	%
	%

Office Use Only

State FIPS: _____ 2 digits	Operation #: _____ 4 digits	Site #: _____ 2 digits	Interviewer: _____ initials	Date: ____/____/____ (mm/dd/yy)
-------------------------------	--------------------------------	---------------------------	--------------------------------	------------------------------------

46. Total time for interview including time to discuss the program and complete the questionnaire.
If more than 1 data collector present, enter the combined time. _____ min

47. Total travel time round-trip.
If more than 1 data collector present, enter the combined travel time. _____ min

48. Data collector(s) _____ Federal VMO _____ Federal AHT
(Enter the number for each category) _____ State personnel _____ Other (specify in margin)

49. Enter response code 99 if questionnaire is completed or enter one code 00–07 that
best describes the reason why the owner is not participating _____ code

- 99 = Survey completed
- 00 = Producer not contacted by VMO
- 01 = Poor time of year to contact or no time available to participate
- 02 = Doesn't want anyone on site
- 03 = Bad experience with government veterinarian(s)
- 04 = Doesn't want to do another survey or divulge information
- 06 = Ineligible (no swine, out of business)
- 07 = Other reason (explain below)

50. Which of the following best describes interviewee's position with this site? _____ code

- 1 = Owner
- 2 = Manager
- 3 = Family member (other than owner or manager)
- 4 = Other hired employee
- 5 = Other (specify: _____)

51. Producer data quality ₁ Good to Excellent ₂ OK ₃ Poor

52. Comments regarding this questionnaire or site:

VMO or AHT Signature: _____

53. TO BE COMPLETED BY THE COORDINATOR

Field data quality ₁ Good to Excellent ₂ OK ₃ Poor