

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 0579-0315. The time required to complete this information collection is estimated to average 2 hours 45 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collected.

OMB Approved  
0579-0315  
EXP: XX/20XX

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE  
VETERINARY SERVICES  
NATIONAL ANIMAL HEALTH MONITORING SYSTEM  
2150 CENTRE AVE, BLDG B  
FORT COLLINS, CO 80526

## 2020 NAHMS Swine Large Enterprise Fecal Collection Record

### Kit Contents

- 30 Whirl-Pak® bags
- 30 plastic spoons
- 5 extra Whirl-Pak® bags and spoons
- 6, 1 gallon-size Ziploc® bags
- Insulated cooler and shipping box
- 3 ice packs (freeze prior to farm visit)
- 1 absorbent sheet
- 2 liner bags (one used as trash bag, one used to line the cooler)
- Paperwork packet: Fecal Collection Record, 30 sample labels, shipping airbill

### Collection Instructions

Collect samples on a **Sunday, Monday, Tuesday, or Wednesday** and ship within 24 hours. Sample from pens populated by late finisher pigs (20 weeks and older). **Ideally, take 30 samples from the floors of a maximum of 6 pens (5 samples per pen) in a finishing area.**

Determine how many pens on the site contain late finisher pigs that are 20 weeks and older. These pens may be scattered among different rooms and in different barns. If **less** than 6 pens, collect samples from all pens for a maximum of 30 samples. For example, if there are 4 pens take 8 samples from each of 2 pens and 7 samples from each of 2 pens. If **more** than 6 pens, attempt to geographically space the pens sampled. That is, from pens roughly equidistant from each other (especially if there are multiple pens in a room).

Using a new plastic spoon, collect about 2 golf-ball size (2-3 grams) of fresh feces from the pen floor and place in a single Whirl-Pak® bag. Express the air out of the bag and fold over the top twice before securing closure tabs (Do not fold top more than twice).

Write the **8-digit Farm ID** (State/operation/site), **Facility, and Pen IDs on a sample label**, peel off and place securely on the bag (Do not use the sample label to secure bags closed). Repeat. Place all samples from one pen into a gallon sized Ziploc® bags and seal the ends of the large bags. Repeat for the rest of the sampled pens.

Place the Ziploc® bags inside the liner bag with 3 frozen ice packs and the absorbent sheet. Place the liner bag inside the insulated shipment container and close the shipping container lid.

### Collection Record Instructions

Complete the Fecal Collection Record Form. **Place the original (white) collection record on top of the insulated cooler box lid.** Leave the yellow copy of the collection record with the producer. Secure the shipping box.

### Shipping and Results

Keep samples cool in a refrigerator, attach shipping airbill (addressed to NCSU) to the shipping box, and ship via **Fed Ex within 24 hours of collection on Monday-Thursday**. The samples will be tested for *Salmonella*, *E. coli*, and *Enterococcus*. All results will be returned to the Producer approximately 45-60 days after collection.

# Swine 2020: Fecal Collection Record

<b>Farm ID</b>	<b># of People Involved</b> ___ Fed VMO    ___ Fed AHT ___ Producer    ___ State VMO ___ St AHT    ___ Priv Vet ___ Others-specify: _____	<b>Key Collector Initials</b>	<b>Collection Date</b>	<b>Hours to Take and Prep Samples</b>	<b>Hours of Overall Travel Time</b>	<b>Kit Number</b>
8-digits: St, Op, Site	Enter number for each category		MM/DD/YY	In quarter hours	In quarter hours	Must match labels

**First, answer the following three questions regarding this site:**

1. On this site, how many buildings house finisher pigs? ..... \_\_\_\_\_ finisher buildings
2. What is the average number of rooms in the finisher buildings? ..... \_\_\_\_\_ rooms per building
3. What is the average number of pens in each room? ..... \_\_\_\_\_ pens per room

Pen Index	# of bags	LIST ALL BAG numbers taken for this pen	Facility/Barn ID <sup>1</sup>	Pen ID <sup>1</sup>	Facility Type T=Total Confinement O=Open building <sup>2</sup>	Approximate # of pigs in pen	Average age of pigs in pen (weeks)	Approximate # of pigs share air space <sup>3</sup>	Gender of pigs in pen G=Gilts, B=Barrows M=Mixed	Evidence of diarrhea in pen? Y=Yes N=No
1										
2										
3										
4										
5										
6										

<sup>1</sup>Any designation will do whether text or numeric so long as it differentiates between row entries.

<sup>2</sup>Total confinement means solid exterior walls and mechanical ventilation. An open building generally has open sides or the potential for sides to be opened weather permitting.

<sup>3</sup>This would be the number of pigs in the barn or room within a barn usually.