

UNITED STATES DEPARTMENT OF AGRICULTURE
FOOD SAFETY AND INSPECTION SERVICE
WASHINGTON, DC

FSIS NOTICE	05-10	1/12/10
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NOTE: THIS NOTICE REISSUES CONTENT FROM FSIS NOTICE 103-08

SAMPLE COLLECTION FROM CATTLE UNDER THE BOVINE SPONGIFORM ENCEPHALOPATHY (BSE) ONGOING SURVEILLANCE PROGRAM

I. PURPOSE

This notice provides the Food Safety and Inspection Service (FSIS) inspection program personnel with instructions regarding the collection of brain samples for the Animal and Plant Health Inspection Service's (APHIS) Bovine Spongiform Encephalopathy (BSE) ongoing surveillance plan.

II. DEFINITION OF NEW COLLECTION PROCEDURES

A. Approved Alternative Off-Site Sample Collection

1. APHIS will provide for the collection of brain (obex) samples from an allocated number of cattle 30 months and older condemned for any reason on ante-mortem inspection, and from cattle of any age displaying Central Nervous System (CNS) symptoms, at federally-inspected slaughter establishments that have agreements with APHIS under the approved alternative off-site sample collection program.
2. At such establishments, FSIS inspection program personnel will not collect brain samples. They will provide the following to plant management:
 - a. condemn tag (Z-tag) numbers (not the Z-tag itself); and
 - b. disposition information (i.e., the reason for condemnation under 9 CFR Part 309).

B. Brain Sample Collection of Cattle Displaying CNS Symptoms

1. At Federally-inspected establishments not under the approved alternative off-site sample collection program, FSIS Public Health Veterinarians (PHVs):

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OPI: OPPD

- a. will collect appropriate BSE samples from cattle of all ages that display CNS symptoms, or
 - b. will not collect the samples for BSE testing if the slaughter establishment has made or plans to make arrangements with APHIS, whereby the samples from cattle condemned for CNS symptoms will be collected at a location other than on the official plant premises.
2. Certain Alternative Off-Site Agreements that were in place during Enhanced Surveillance may no longer be in effect and establishments will need to initiate new agreements with APHIS and potential collectors.

III. FSIS PERSONNEL RESPONSIBILITIES

A. Upon receipt of this notice, the FSIS PHV is to hold an awareness meeting with the establishment. At this meeting, the FSIS PHV should ask the management whether:

1. it is under APHIS' approved alternative off-site sample collection program for collecting allocated samples (paragraph II. A.); and
2. if not, whether:
 - a. FSIS is to collect brain samples from cattle displaying CNS symptoms (paragraph II. B. 1.a.); or
 - b. the establishment needs time to engage in making arrangements with APHIS for the off-site brain sample collection of such cattle (paragraph II. B. 1. b.).

B. If during the awareness meeting establishment management states that it plans to work with APHIS to begin off-site sampling, until APHIS approves that arrangement, or until FSIS is advised that an off-site agreement will not be forthcoming, FSIS PHVs are to:

1. identify all CNS animals condemned on ante-mortem with a "U. S. Condemned" tag;
2. contact the APHIS Area Veterinarian-In-Charge (AVIC) so the AVIC can collect the brain sample;
3. ensure that the animals are humanely euthanized, unless APHIS requests otherwise; and
4. not allow them to move off the premise of the establishment, unless APHIS requests otherwise.

C. In a memorandum of interview (MOI), the FSIS PHV is to document who was present at the awareness meeting, the date and time of the meeting, how the

establishment plans to proceed based on the choices set out in A. above, and any documents shared with management.

D. If the establishment plans to work with APHIS to begin off-site sampling, the FSIS PHV is to update the MOI as to whether an agreement was reached and in general, what the agreement was.

E. The FSIS PHV is to maintain a copy of the memorandum of interview in the official government file, provide a copy to the plant management, and electronically mail a copy to the APHIS AVIC as changes occur.

IV. FSIS RESPONSIBILITIES RELATED TO APPROVED ALTERNATIVE OFF-SITE SAMPLE COLLECTION

A. The FSIS PHV is to complete the condemnation form, FSIS Form 6000-13 (Certification of Ante-mortem or Post-mortem Disposition of Tagged Animals) and FSIS Form 6150-1 (Identification Tag – Ante-mortem). The FSIS PHV should pay special attention when providing a full description of the reason for the condemnation on FSIS Form 6000-13 and fill out fully FSIS Form 6150-1.

B. Incoming animal identification, except the Z-tag, should be left on these animals since it will be needed at the approved alternative off-site collection location to fill out collection forms. Z-tags will be removed prior to any carcasses leaving the official establishment.

NOTE: Information supplied to plant management to take to the approved alternative off-site collection sites needs to be complete and accurate. FSIS PHVs need to provide a full description of the reason for the condemnation on FSIS Form 6000-13, APHIS will use this information to triage which condemned animals are sampled.

V. FSIS SAMPLE COLLECTION FOR CATTLE DISPLAYING CNS SYMPTOMS

A. If the establishment does not have an agreement with APHIS for off-site sampling of cattle with CNS symptoms, the FSIS PHV will collect the brain samples from cattle showing signs of CNS symptoms. The FSIS PHV is to make all final disposition decisions regarding whether to condemn cattle in accordance with 9 CFR part 309.

NOTE: FSIS PHVs can also find information regarding BSE sampling (e.g., forms, sampling supply information) at:

//Outlook Public Folders/All PublicFolders/ OPPD/PDD/BSE_Training_Info/

B. The FSIS PHV, or the establishment under the supervision of the FSIS PHV, should promptly remove the head in order to collect the brain sample. If the establishment does not arrange to remove the head, the FSIS PHV may need to collect the brain sample as a priority over other ante-mortem or post-mortem procedures.

C. The FSIS PHV should collect the brain sample either in the inedible area of the establishment or in another area set aside for such collection to prevent the creation of

an insanitary condition. Establishment personnel and FSIS inspection program personnel are to take proper sanitary measures before returning to edible areas of the establishment after brain sample collection, in accordance with 9 CFR 416.5.

D. In situations where the FSIS PHV has missed the last FedEx pick-up for the day, or the FSIS PHV collected the sample on a day when FedEx does not pick up, the PHV is to refrigerate the samples until the next available FedEx pick-up day. Remember, the sample is not to pass through or to be stored in areas of the establishment where the establishment produces edible product. The FSIS PHV is to maintain the sample's chain-of-custody.

E. The FSIS PHV is to verify the collection, documentation, and control of all animal identification associated with cattle condemned during ante-mortem inspection that are to be sampled by FSIS. The FSIS PHV is to attach the "U. S. Condemned" tag to cattle condemned during ante-mortem inspection in accordance with 9 CFR 309.13. This documentation will facilitate traceback in the event that the sample result is positive for BSE. The documentation should include records in accordance with 9 CFR 320.1.

F. The FSIS PHV is to verify that the presence of condemned cattle or parts does not create insanitary conditions (9 CFR part 416). The establishment is responsible for the disposal of the condemned cattle in accordance with 9 CFR part 314. The FSIS PHV also is to verify that the establishment maintains records regarding the disposal of the condemned cattle in accordance with 9 CFR 320.1.

G. Inspection program personnel may inform the establishment that it may choose to hold the carcass and parts until testing results are available. If the establishment chooses to dispose of any carcass or parts before it receives test results, inspection program personnel are to advise the establishment that it must dispose of the carcass in one of the following ways:

1. render it at a facility for non-animal feed use (e.g., biofuel or cement);
2. alkaline digestion;
3. incineration; or
4. lined land fills.

H. Documentation for Cattle Showing Signs of CNS Symptoms

1. For locations without high-speed internet connections, the FSIS PHV is to forward the completed BSE Surveillance Information System (BSE-SIS) sample collection sheets to the APHIS, VS office by FAX or by e-mail. The follow site lists the VS office FAX numbers and e-mail where available:

http://www.aphis.usda.gov/import_export/downloads/vsavic.pdf

2. The APHIS AVIC in each area office may assist with sample delivery verification and troubleshooting. The FSIS PHV can get copies of BSE-SIS forms by contacting the local APHIS office.

3. The FSIS PHV is to enter the relevant information into the BSE-SIS at locations with high-speed connections and proceed as instructed in the training materials. FSIS PHVs may get the training from AgLearn or may contact the District Office if they need a copy of the BSE Surveillance Information System (BSE-SIS) training CD and for assistance in getting permission to have access to BSE-SIS.

VI. TEST RESULTS FOR FSIS SAMPLING FROM CATTLE SHOWING CNS SYMPTOMS

- A. The FSIS PHV will receive, by e-mail, a report from the AVIC on the BSE test results. The AVIC will also send copies of the results to the District Office.
- B. If the test is negative (reported as “not detected”), any carcasses and parts the establishment has held may be released for rendering or other disposal in accordance with 9 CFR 314.
- C. If the test is inconclusive, the FSIS PHV will receive supervisory instruction on further actions.
- D. For any sample confirmed positive for BSE, the FSIS PHV is to verify that the establishment disposes of the carcasses and parts in the proper manner as set out in paragraph V. G.

VII. eADRS PROCEDURES FOR FSIS SAMPLING FROM CATTLE SHOWING CNS SYMPTOMS

- A. After sampling cattle showing signs of CNS symptoms, the FSIS PHV (or designee) is to enter the relevant information for each sample into eADRS.
- B. The FSIS PHV (or designee) is to enter each ante-mortem condemned animal in eADRS under the applicable pathological condition
- C. For each relevant disease condition, in the “Add Daily Totals” window, the FSIS PHV is to select the “Update BSE Details” button if FSIS sampled one or more of the condemned animals for BSE. Selecting this button opens the “Update BSE Details” screen.
- D. On the “Update BSE Details” screen, the FSIS PHV is to enter the number of animals sampled and the applicable “U.S. Condemned” Z-tag number for each sampled animal.
- E. After entering the relevant information, the FSIS PHV is to click the “Save” button and proceed to the next disease condition.
- F. For additional information on entering BSE sample information, refer to Section 7 of the eADRS User Guide.

VIII. RABIES

A. In a rare situation, such as when an animal is condemned by the FSIS PHV on ante-mortem for rabies, the FSIS PHV should contact their District Office, who will advise APHIS. In these cases, APHIS will see that the animal is tested for rabies. APHIS will work with the laboratory to get appropriate samples forwarded for BSE surveillance from rabies negative animals.

B. Rabies booster vaccination for PHVs collecting BSE samples is still highly recommended. PHVs can be reimbursed for rabies vaccinations or boosters. Rabies vaccinations are voluntary. Only PHVs who are actually involved with BSE sample collection will be eligible for reimbursement on the vaccination series. PHVs should make arrangements for the vaccinations with their private physician. PHVs should contact their Front-line supervisor for approval on reimbursement prior to beginning the three shot vaccination series.

Refer questions regarding this notice to the Policy Development Division through askFSIS at <http://askfsis.custhelp.com> or by telephone at 1-800-233-3935.



Assistant Administrator
Office of Policy and Program Development