



## Process Verification for Slaughter

Generic *E. coli* (Livestock and Ratite) &  
Sampling to Demonstrate Process Control in  
Poultry Slaughter

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### Generic *E. coli* Verification 310.25(a)(1), 381.94(a)(1)

- Slaughter establishments must test for generic *E. coli*:
  - Livestock and Ratites
- Criteria are guidelines – not enforceable
- Test species slaughtered in greatest number

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## Generic *E. coli* Verification Sampling requirements

- 310.25(a)(2)(ii), 381.94(a)(2)(ii) -
  - Collect samples
  - Analyze results
  - Maintain records

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## Generic *E. coli* Verification Written Procedures

- 310.25(a)(2)(i), 381.94(a)(2)(i) –
  - Identify employee
  - Location of sampling
  - Sampling randomness
  - Sample integrity



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## Generic *E. coli* Verification Sampling requirements

- 310.25(a)(2)(ii), 381.94(a)(2)(ii) –
  - Samples taken from chilled carcasses, except hot boning
  - Sponging/excision for meat
  - Updated Regulations for Modernization of Swine Slaughter 310.18 (c) (NSIS)



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## Performing the Assessment Slaughter Sampling Verification

- EIAO should first collect information on:
  - Establishment's written sampling procedures
  - Justification for any alternative sampling procedures
  - Laboratory assurances about methodology
  - Records of recent test results

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## Performing the Assessment Slaughter Sampling Verification

- EIAO should:
  - Verify elements of sampling procedures by observing establishment employees performing them, if the samples are being taken
  - Verify that the regulatory requirements are met
  - Verify test results for a recent period of at least 60 days

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## Performing the Assessment Slaughter Sampling Verification

- EIAO should:
  - Verify that the slaughter sanitary dressing process is in control for prevention of fecal contamination
  - Review fecal NRs or deviations from the zero tolerance CL for the same time period; look at corrective actions/preventive measures.

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## Performing the Assessment Slaughter Sampling Verification

- EIAO should discuss the sampling results that do not meet criteria with establishment officials to see:
  - If they have any particular views about what might have caused them, and
  - Anything they may have done to improve the situation.

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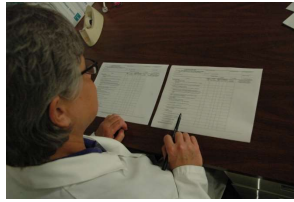
## Other testing

- If, by chance, the Agency was sampling and testing for *Salmonella* during the 60-day period, the EIAO should seek those results.
- If, by chance, the establishment's product was sampled and tested for *E. coli* O157:H7 or implicated in a recall during the same 60-day period, the EIAO should seek those results.

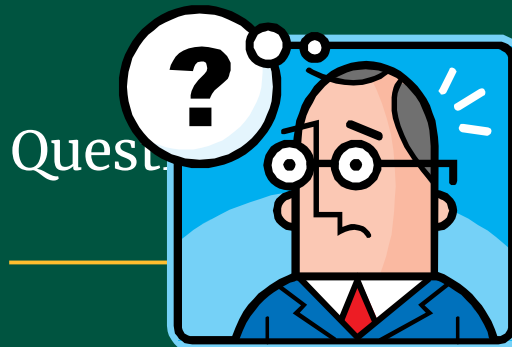
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## Other testing

- If there are significant correlations, the EIAO needs to analyze them further to be sure regulatory requirements are met.



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