

WEBVTT

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/117-0

00:00:11.911 --> 00:00:12.911

<v Robertson Hale, Kis - FSIS>Good morning, everyone.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/144-0

00:00:13.951 --> 00:00:17.533

<v Robertson Hale, Kis - FSIS>Welcome to the first day of the
Efficiency webinar on the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/144-1

00:00:17.533 --> 00:00:20.992

<v Robertson Hale, Kis - FSIS>scientific support for the
salmonella framework for raw</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/144-2

00:00:20.992 --> 00:00:22.041

<v Robertson Hale, Kis - FSIS>poultry products.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/173-0

00:00:22.591 --> 00:00:25.757

<v Robertson Hale, Kis - FSIS>My name is Rear Admiral Kiss
Robertson Hall and I'm the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/173-1

00:00:25.757 --> 00:00:29.374

<v Robertson Hale, Kis - FSIS>deputy assistant administrator
of the emphasis Office of Public</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/173-2

00:00:29.374 --> 00:00:30.221

<v Robertson Hale, Kis - FSIS>Health Science.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/186-0

00:00:30.461 --> 00:00:33.161

<v Robertson Hale, Kis - FSIS>I'm also the agency's chief
public health veterinarian.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/195-0

00:00:34.091 --> 00:00:35.601

<v Robertson Hale, Kis - FSIS>Thank you for joining us.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/256-0

00:00:36.581 --> 00:00:40.219

<v Robertson Hale, Kis - FSIS>Today's meeting will begin with
opening remarks by Under</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/256-1

00:00:40.219 --> 00:00:44.112

<v Robertson Hale, Kis - FSIS>Secretary for Food safety doctor
Emilio Esteban, then Doctor</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/256-2

00:00:44.112 --> 00:00:47.622

<v Robertson Hale, Kis - FSIS>Denise Eblin, assistant administrator of the Office of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/256-3

00:00:47.622 --> 00:00:51.771

<v Robertson Hale, Kis - FSIS>Public Health Science, will give us a high level overview on the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/256-4

00:00:51.771 --> 00:00:55.791

<v Robertson Hale, Kis - FSIS>various scientific components behind the salmonella framework.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/261-0

00:00:56.661 --> 00:00:59.211

<v Robertson Hale, Kis - FSIS>Following Doctor Evelyn will be Mr.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/277-0

00:00:59.221 --> 00:01:03.875

<v Robertson Hale, Kis - FSIS>John Deroche, deputy director of the Microbiological and Chemical</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/277-1

00:01:03.875 --> 00:01:04.791

<v Robertson Hale, Kis - FSIS>Hazard staff.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/308-0

00:01:05.301 --> 00:01:08.541

<v Robertson Hale, Kis - FSIS>He will be describing the findings of the National</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/308-1

00:01:08.541 --> 00:01:11.781

<v Robertson Hale, Kis - FSIS>Advisory Committee on microbiological Criteria for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/308-2

00:01:11.781 --> 00:01:15.211

<v Robertson Hale, Kis - FSIS>food in its report on salmonella control and poultry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/345-0

00:01:17.281 --> 00:01:20.983

<v Robertson Hale, Kis - FSIS>Doctor Bill Shaw, executive associate for laboratory</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/345-1

00:01:20.983 --> 00:01:25.382

<v Robertson Hale, Kis - FSIS>services, will then talk about the results of the FSIS poultry</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/345-2

00:01:25.382 --> 00:01:29.851

<v Robertson Hale, Kis - FSIS>exploratory sampling program and associated laboratory methods.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/360-0

00:01:31.221 --> 00:01:34.794

<v Robertson Hale, Kis - FSIS>Following these presentations, we will then have a 15 minute</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/360-1

00:01:34.794 --> 00:01:35.731

<v Robertson Hale, Kis - FSIS>Q&A session.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/387-0

00:01:36.061 --> 00:01:40.101

<v Robertson Hale, Kis - FSIS>You may submit questions using the chat function, or you can</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/387-1

00:01:40.101 --> 00:01:44.471

<v Robertson Hale, Kis - FSIS>raise your hand to ask questions verbally after a 5 minute break.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/409-0

00:01:44.481 --> 00:01:47.936

<v Robertson Hale, Kis - FSIS>We will then hear from doctor Courtney Amundson, data</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/409-1

00:01:47.936 --> 00:01:51.518

<v Robertson Hale, Kis - FSIS>scientist and the Office of Planning, Analysis and Risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/409-2

00:01:51.518 --> 00:01:52.221

<v Robertson Hale, Kis - FSIS>Management.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/452-0

00:01:52.641 --> 00:01:56.208

<v Robertson Hale, Kis - FSIS>She will be talking about statistical process control</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/452-1

00:01:56.208 --> 00:01:59.775

<v Robertson Hale, Kis - FSIS>using the lower capability process index, statistical</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/452-2

00:01:59.775 --> 00:02:03.539

<v Robertson Hale, Kis - FSIS>measurement model and then she will be demonstrating the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/452-3

00:02:03.539 --> 00:02:06.511

<v Robertson Hale, Kis - FSIS>monitoring tool that is based on this model.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/481-0

00:02:07.561 --> 00:02:10.869

<v Robertson Hale, Kis - FSIS>And then finally, we will have another round of Q&A</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/481-1

00:02:10.869 --> 00:02:14.530

<v Robertson Hale, Kis - FSIS>followed by closing remarks by the Deputy Under Secretary for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/481-2

00:02:14.530 --> 00:02:16.301

<v Robertson Hale, Kis - FSIS>Food Safety Miss Sandra Eskin.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/491-0

00:02:17.831 --> 00:02:20.361

<v Robertson Hale, Kis - FSIS>I will be your moderator for today's session.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/554-0

00:02:21.271 --> 00:02:25.458

<v Robertson Hale, Kis - FSIS>Note that this session and tomorrow's will be recorded and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/554-1

00:02:25.458 --> 00:02:29.787

<v Robertson Hale, Kis - FSIS>will be posted on our website for review for those who could</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/554-2

00:02:29.787 --> 00:02:34.328

<v Robertson Hale, Kis - FSIS>not join today, the recordings will be posted on the events and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/554-3

00:02:34.328 --> 00:02:38.798

<v Robertson Hale, Kis - FSIS>meetings page of our website and approximately one week's time</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/554-4

00:02:38.798 --> 00:02:43.056

<v Robertson Hale, Kis - FSIS>before we begin, I want to share the purpose of our meeting</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/554-5

00:02:43.056 --> 00:02:43.481

<v Robertson Hale, Kis - FSIS>today.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/592-0

00:02:44.301 --> 00:02:48.320

<v Robertson Hale, Kis - FSIS>During this webinar, APHASIAS scientists will share a summary</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/592-1
00:02:48.320 --> 00:02:52.339

<v Robertson Hale, Kis - FSIS>of the scientific support and related resources referenced in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/592-2
00:02:52.339 --> 00:02:56.099

<v Robertson Hale, Kis - FSIS>the salmonella framework, proposed rule and determination</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/592-3
00:02:56.099 --> 00:03:00.117

<v Robertson Hale, Kis - FSIS>that emphasis, published in the Federal Register, August 7th,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/592-4
00:03:00.117 --> 00:03:00.441
<v Robertson Hale, Kis - FSIS>2024.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/617-0
00:03:01.801 --> 00:03:05.500

<v Robertson Hale, Kis - FSIS>We have set time aside to day for participants to ask</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/617-1
00:03:05.500 --> 00:03:09.884

<v Robertson Hale, Kis - FSIS>clarifying questions about the information presented during the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/617-2
00:03:09.884 --> 00:03:10.431
<v Robertson Hale, Kis - FSIS>webinar.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/656-0
00:03:10.841 --> 00:03:15.072

<v Robertson Hale, Kis - FSIS>We will not be accepting formal public comment on the proposed</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/656-1
00:03:15.072 --> 00:03:19.169

<v Robertson Hale, Kis - FSIS>rule or determination during this webinar and we will not be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/656-2
00:03:19.169 --> 00:03:22.527

<v Robertson Hale, Kis - FSIS>providing an in-depth explanation of the proposal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/656-3
00:03:22.527 --> 00:03:24.071

<v Robertson Hale, Kis - FSIS>itself in this webinar.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/682-0
00:03:25.041 --> 00:03:28.401
<v Robertson Hale, Kis - FSIS>We do ask that you make any
comments on the proposed rule by</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/682-1
00:03:28.401 --> 00:03:31.761
<v Robertson Hale, Kis - FSIS>following the instructions in
the Federal Register document.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/698-0
00:03:32.441 --> 00:03:37.476
<v Robertson Hale, Kis - FSIS>Comments may be submitted online
via the federal erulemaking</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/698-1
00:03:37.476 --> 00:03:38.961
<v Robertson Hale, Kis - FSIS>portal or by mail.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/710-0
00:03:40.141 --> 00:03:44.221
<v Robertson Hale, Kis - FSIS>Comments need to be received by
November 7th, 2024.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/742-0
00:03:45.341 --> 00:03:49.023
<v Robertson Hale, Kis - FSIS>We will post a link in the chat
for those interested in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/742-1
00:03:49.023 --> 00:03:52.903
<v Robertson Hale, Kis - FSIS>commenting, or you can refer to
the August 2nd constituent</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/742-2
00:03:52.903 --> 00:03:55.861
<v Robertson Hale, Kis - FSIS>update For more information on
this process.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/762-0
00:03:57.261 --> 00:04:01.502
<v Robertson Hale, Kis - FSIS>I will now turn the floor over
to Doctor Emilio Esteban, Under</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/762-1
00:04:01.502 --> 00:04:05.001
<v Robertson Hale, Kis - FSIS>Secretary for Food Safety, for
his opening remarks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/766-0
00:04:07.251 --> 00:04:07.601
<v Esteban, Emilio - OSEC, DC>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/768-0

00:04:07.611 --> 00:04:08.261

<v Esteban, Emilio - OSEC, DC>Kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/771-0

00:04:08.471 --> 00:04:08.841

<v Esteban, Emilio - OSEC, DC>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/774-0

00:04:08.851 --> 00:04:09.161

<v Esteban, Emilio - OSEC, DC>Kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/776-0

00:04:09.211 --> 00:04:10.121

<v Esteban, Emilio - OSEC, DC>I am.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/789-0

00:04:10.511 --> 00:04:12.631

<v Esteban, Emilio - OSEC, DC>I'm very happy that you're able to join us today.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/830-0

00:04:13.481 --> 00:04:18.004

<v Esteban, Emilio - OSEC, DC>Uh, for the last feels like forever, but at least for three</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/830-1

00:04:18.004 --> 00:04:22.074

<v Esteban, Emilio - OSEC, DC>years I've been going around trying to explain in and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/830-2

00:04:22.074 --> 00:04:26.521

<v Esteban, Emilio - OSEC, DC>describe the background of how we base this proposed rule.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/834-0

00:04:27.441 --> 00:04:27.851

<v Esteban, Emilio - OSEC, DC>Umm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/857-0

00:04:27.981 --> 00:04:31.102

<v Esteban, Emilio - OSEC, DC>As you know, I'm I'm passionate about the science and science</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/857-1

00:04:31.102 --> 00:04:34.021

<v Esteban, Emilio - OSEC, DC>needs to be the supporting guideline for anything that we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/857-2

00:04:34.021 --> 00:04:34.171

<v Esteban, Emilio - OSEC, DC>do.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/881-0

00:04:34.641 --> 00:04:38.357

<v Esteban, Emilio - OSEC, DC>And so my vision, my vision for this whole framework, you know,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/881-1

00:04:38.357 --> 00:04:40.331

<v Esteban, Emilio - OSEC, DC>get to this many years in coming.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/889-0

00:04:40.641 --> 00:04:44.831

<v Esteban, Emilio - OSEC, DC>Is that all three components are interconnected.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/896-0

00:04:45.141 --> 00:04:46.661

<v Esteban, Emilio - OSEC, DC>What happens in one effects?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/920-0

00:04:46.671 --> 00:04:50.170

<v Esteban, Emilio - OSEC, DC>What happens in another and so it's important that you see</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/920-1

00:04:50.170 --> 00:04:52.601

<v Esteban, Emilio - OSEC, DC>these three components as a joint issue.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/933-0

00:04:53.501 --> 00:04:55.931

<v Esteban, Emilio - OSEC, DC>We will be answering that said, a lot of technical questions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/935-0

00:04:56.681 --> 00:04:57.071

<v Esteban, Emilio - OSEC, DC>Umm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/944-0

00:04:57.281 --> 00:04:59.791

<v Esteban, Emilio - OSEC, DC>Today, hopefully we'll have enough time for that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/947-0

00:05:00.311 --> 00:05:01.391

<v Esteban, Emilio - OSEC, DC>I'm committed.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/955-0

00:05:01.521 --> 00:05:03.751

<v Esteban, Emilio - OSEC, DC>I'm I'm fully committed to transparency.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/978-0

00:05:03.761 --> 00:05:06.996

<v Esteban, Emilio - OSEC, DC>I think that the more you
comment on this, the more we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/978-1

00:05:06.996 --> 00:05:10.171

<v Esteban, Emilio - OSEC, DC>discussed this, the better the
final product will be.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/990-0

00:05:10.341 --> 00:05:13.689

<v Esteban, Emilio - OSEC, DC>And so please, please, please do
submit your comments by November</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/990-1

00:05:13.689 --> 00:05:13.891

<v Esteban, Emilio - OSEC, DC>7th.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1009-0

00:05:13.901 --> 00:05:17.253

<v Esteban, Emilio - OSEC, DC>So we can actually incorporate
all those thoughts and and in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1009-1

00:05:17.253 --> 00:05:19.011

<v Esteban, Emilio - OSEC, DC>comments into the file proposal.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1037-0

00:05:22.221 --> 00:05:25.555

<v Esteban, Emilio - OSEC, DC>I again, like I said before,
transparency scientifically</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1037-1

00:05:25.555 --> 00:05:28.714

<v Esteban, Emilio - OSEC, DC>basis for for what we do and
that's why we gotta move</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1037-2

00:05:28.714 --> 00:05:29.181

<v Esteban, Emilio - OSEC, DC>forward.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1041-0

00:05:29.681 --> 00:05:30.191

<v Esteban, Emilio - OSEC, DC>Umm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1048-0

00:05:30.681 --> 00:05:31.991

<v Esteban, Emilio - OSEC, DC>I don't wanna take any more
time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1088-0

00:05:32.001 --> 00:05:35.355

<v Esteban, Emilio - OSEC, DC>I would like to have most of the
time for the technical</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1088-1

00:05:35.355 --> 00:05:39.248

<v Esteban, Emilio - OSEC, DC>presentation, so let me pass it on to doctor Evelyn and she will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1088-2

00:05:39.248 --> 00:05:42.361

<v Esteban, Emilio - OSEC, DC>describe the next stages of this, this, this woman.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1091-0

00:05:42.371 --> 00:05:42.731

<v Esteban, Emilio - OSEC, DC>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1103-0

00:05:42.741 --> 00:05:44.921

<v Esteban, Emilio - OSEC, DC>Thank you very much and look forward to hearing your</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1103-1

00:05:44.921 --> 00:05:45.291

<v Esteban, Emilio - OSEC, DC>comments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1132-0

00:05:48.491 --> 00:05:51.506

<v Eblen, Denise - FSIS>Thank you very much and Emilio and thank you to Rear Admiral</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1132-1

00:05:51.506 --> 00:05:54.224

<v Eblen, Denise - FSIS>Robertson Hill and Under Secretary Esteban for getting</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1132-2

00:05:54.224 --> 00:05:55.261

<v Eblen, Denise - FSIS>his kicked off today.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1175-0

00:05:55.731 --> 00:05:58.622

<v Eblen, Denise - FSIS>So I'm really pleased to see such a huge turn out and but as</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1175-1

00:05:58.622 --> 00:06:01.181

<v Eblen, Denise - FSIS>we have such a big crowd, I don't want to assume that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1175-2

00:06:01.181 --> 00:06:04.214

<v Eblen, Denise - FSIS>everyone has the same background knowledge on the proposed rule</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1175-3

00:06:04.214 --> 00:06:05.161

<v Eblen, Denise - FSIS>and how we got here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1207-0

00:06:05.251 --> 00:06:07.861

<v Eblen, Denise - FSIS>So I'll just touch on the background for the framework and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1207-1

00:06:07.861 --> 00:06:10.426

<v Eblen, Denise - FSIS>so I'm not a framework and our salmonella initiative as a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1207-2

00:06:10.426 --> 00:06:10.691

<v Eblen, Denise - FSIS>whole.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1243-0

00:06:11.681 --> 00:06:15.126

<v Eblen, Denise - FSIS>So since the release of the PR hasn't ruled back in 1996, FSIS</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1243-1

00:06:15.126 --> 00:06:17.860

<v Eblen, Denise - FSIS>is focused on salmonella, introducing performance</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1243-2

00:06:17.860 --> 00:06:21.031

<v Eblen, Denise - FSIS>standards that were later linked to healthy people goals.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1271-0

00:06:21.581 --> 00:06:24.589

<v Eblen, Denise - FSIS>And over time, we saw tremendous strides in reductions of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1271-1

00:06:24.589 --> 00:06:27.804

<v Eblen, Denise - FSIS>salmonella as measured by the sampling data we collected from</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1271-2

00:06:27.804 --> 00:06:29.411

<v Eblen, Denise - FSIS>product and collected in plant.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1303-0

00:06:29.961 --> 00:06:33.204

<v Eblen, Denise - FSIS>However, despite the reductions that salmonella contamination,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1303-1

00:06:33.204 --> 00:06:36.035

<v Eblen, Denise - FSIS>there was no significant progress observed in reducing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1303-2
00:06:36.035 --> 00:06:37.681
<v Eblen, Denise - FSIS>salmonella infections in humans.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1345-0
00:06:38.791 --> 00:06:42.453
<v Eblen, Denise - FSIS>Unfortunately, we didn't reach
the healthy people target in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1345-1
00:06:42.453 --> 00:06:46.297
<v Eblen, Denise - FSIS>2010 or 2020 and to reach the
20-30 target for healthy people,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1345-2
00:06:46.297 --> 00:06:48.371
<v Eblen, Denise - FSIS>illnesses must be reduced by
25%.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1399-0
00:06:49.801 --> 00:06:53.908
<v Eblen, Denise - FSIS>Now, recent estimates from CDC
estimate that salmonella is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1399-1
00:06:53.908 --> 00:06:58.361
<v Eblen, Denise - FSIS>responsible for over 1,000,000
cases of foodborne illness every</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1399-2
00:06:58.361 --> 00:07:02.746
<v Eblen, Denise - FSIS>year in the US, and we estimate
that of those about 125,000 or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1399-3
00:07:02.746 --> 00:07:06.921
<v Eblen, Denise - FSIS>chicken associated and almost
43,000 are Turkey associated.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1424-0
00:07:08.351 --> 00:07:11.397
<v Eblen, Denise - FSIS>So there's that many foodborne
salmonella illnesses per year,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1424-1
00:07:11.397 --> 00:07:13.361
<v Eblen, Denise - FSIS>125,000 for chicken, 43,000 for
Turkey.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1427-0
00:07:13.371 --> 00:07:15.151
<v Eblen, Denise - FSIS>Chicken 43,000 for Turkey.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1450-0

00:07:15.891 --> 00:07:18.336

<v Eblen, Denise - FSIS>So we determined that a new approach was needed and we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1450-1

00:07:18.336 --> 00:07:21.181

<v Eblen, Denise - FSIS>wanted to make sure we come up with the best proposal possible.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1464-0

00:07:21.531 --> 00:07:24.681

<v Eblen, Denise - FSIS>And so we conducted a lot of outreach to get to this point.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1495-0

00:07:24.991 --> 00:07:27.959

<v Eblen, Denise - FSIS>We went to great lengths to gather input from industry,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1495-1

00:07:27.959 --> 00:07:31.404

<v Eblen, Denise - FSIS>academia and other stakeholders to ensure we were fully informed</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1495-2

00:07:31.404 --> 00:07:33.841

<v Eblen, Denise - FSIS>by poetry growing, harvesting and processing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1503-0

00:07:35.611 --> 00:07:37.421

<v Eblen, Denise - FSIS>Uh, we conducted listening sessions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1524-0

00:07:37.991 --> 00:07:40.546

<v Eblen, Denise - FSIS>We scoured the scientific literature and we held a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1524-1

00:07:40.546 --> 00:07:43.651

<v Eblen, Denise - FSIS>scientific roundtable delving into the dynamics of salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1524-2

00:07:43.651 --> 00:07:44.201

<v Eblen, Denise - FSIS>in poultry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1534-0

00:07:45.001 --> 00:07:46.821

<v Eblen, Denise - FSIS>We solicited data from industry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1603-0

00:07:47.631 --> 00:07:50.669

<v Eblen, Denise - FSIS>We collaborated with the private company to develop a novel</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1603-1

00:07:50.669 --> 00:07:53.908

<v Eblen, Denise - FSIS>approach incorporating genomics into our quantitative microbial</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1603-2

00:07:53.908 --> 00:07:56.439

<v Eblen, Denise - FSIS>risk assessments and as required, we had the risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1603-3

00:07:56.439 --> 00:07:59.476

<v Eblen, Denise - FSIS>assessments and risk profile independently peer reviewed to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1603-4

00:07:59.476 --> 00:08:02.766

<v Eblen, Denise - FSIS>ensure that these were as robust as possible, and this is really</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1603-5

00:08:02.766 --> 00:08:05.803

<v Eblen, Denise - FSIS>important as these pieces of science are what our proposals</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1603-6

00:08:05.803 --> 00:08:06.461

<v Eblen, Denise - FSIS>are based on.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1624-0

00:08:07.771 --> 00:08:11.032

<v Eblen, Denise - FSIS>So using all we learned, we created several new pieces of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1624-1

00:08:11.032 --> 00:08:11.481

<v Eblen, Denise - FSIS>science.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1644-0

00:08:11.491 --> 00:08:15.027

<v Eblen, Denise - FSIS>As Rear Admiral Robertson Hall outlined, and these are what we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1644-1

00:08:15.027 --> 00:08:17.271

<v Eblen, Denise - FSIS>are here to discuss today and tomorrow.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1662-0

00:08:18.291 --> 00:08:21.724

<v Eblen, Denise - FSIS>So just to Orient folks to the proposed rule at briefly outline</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1662-1
00:08:21.724 --> 00:08:22.421
<v Eblen, Denise - FSIS>its contents.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1665-0
00:08:22.431 --> 00:08:24.171
<v Eblen, Denise - FSIS>So there's three main components.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1729-0
00:08:25.741 --> 00:08:29.472
<v Eblen, Denise - FSIS>Component 1 focuses on promoting non regulatory approaches to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1729-1
00:08:29.472 --> 00:08:32.841
<v Eblen, Denise - FSIS>reduce the salmonella load on incoming birds, including</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1729-2
00:08:32.841 --> 00:08:36.512
<v Eblen, Denise - FSIS>encouraging the wider use of modified live vaccines and also</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1729-3
00:08:36.512 --> 00:08:40.122
<v Eblen, Denise - FSIS>working with atheists or the animal plant health inspection</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1729-4
00:08:40.122 --> 00:08:43.611
<v Eblen, Denise - FSIS>system on the National Poultry Improvement Plan, or MPIP.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1736-0
00:08:44.991 --> 00:08:48.041
<v Eblen, Denise - FSIS>Component 2 clarifies process control requirements.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1771-0
00:08:48.291 --> 00:08:51.126
<v Eblen, Denise - FSIS>Specifically, these require establishments to include a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1771-1
00:08:51.126 --> 00:08:54.366
<v Eblen, Denise - FSIS>microbial monitoring program in their procedures for preventing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1771-2
00:08:54.366 --> 00:08:57.505

<v Eblen, Denise - FSIS>microbial contamination that incorporates statistical process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1771-3
00:08:57.505 --> 00:09:00.441

<v Eblen, Denise - FSIS>control and monitoring methods, and Dr Courtney Amundson.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1819-0
00:09:00.451 --> 00:09:03.348

<v Eblen, Denise - FSIS>Will it be discussing statistical process control in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1819-1
00:09:03.348 --> 00:09:06.463
<v Eblen, Denise - FSIS>some detail later this morning and component 3 this is a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1819-2
00:09:06.463 --> 00:09:09.414
<v Eblen, Denise - FSIS>component that details our proposal for final product</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1819-3
00:09:09.414 --> 00:09:12.256
<v Eblen, Denise - FSIS>standards for raw chicken carcasses, chicken parts,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1819-4
00:09:12.256 --> 00:09:15.261
<v Eblen, Denise - FSIS>communicated chicken and communicated Turkey products.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1860-0
00:09:15.611 --> 00:09:18.718
<v Eblen, Denise - FSIS>Specifically, these are adulterated if they contain any</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1860-1
00:09:18.718 --> 00:09:22.047
<v Eblen, Denise - FSIS>type of salmonella at or above 10 C if you, per mile or per</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1860-2
00:09:22.047 --> 00:09:25.597
<v Eblen, Denise - FSIS>gram, and contain any detectable level of one of the salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1860-3
00:09:25.597 --> 00:09:27.871
<v Eblen, Denise - FSIS>serotypes of public health significance.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1874-0

00:09:29.941 --> 00:09:32.831

<v Eblen, Denise - FSIS>Over the next phase, we'll hear from emphasize scientists.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1904-0

00:09:32.841 --> 00:09:35.982

<v Eblen, Denise - FSIS>We'll discuss in detail the outcomes of the five major</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1904-1

00:09:35.982 --> 00:09:39.123

<v Eblen, Denise - FSIS>scientific pieces we have used to develop the proposed</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1904-2

00:09:39.123 --> 00:09:41.121

<v Eblen, Denise - FSIS>framework, rule and determination.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1949-0

00:09:42.631 --> 00:09:46.467

<v Eblen, Denise - FSIS>Again, as we're adding a kiss, Robertson Hall mentioned this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1949-1

00:09:46.467 --> 00:09:50.050

<v Eblen, Denise - FSIS>includes 2 risk assessments, a risk profile, exploratory</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1949-2

00:09:50.050 --> 00:09:53.194

<v Eblen, Denise - FSIS>sampling, and the recommendations from the Nacmcf</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/1949-3

00:09:53.194 --> 00:09:57.091

<v Eblen, Denise - FSIS>Advisory Committee, and also the process control information.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2004-0

00:09:58.331 --> 00:10:01.492

<v Eblen, Denise - FSIS>And as I mentioned, we'll also just, we will discuss the model</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2004-1

00:10:01.492 --> 00:10:04.602

<v Eblen, Denise - FSIS>we have developed to provide, excuse me, developed to provide</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2004-2

00:10:04.602 --> 00:10:07.763

<v Eblen, Denise - FSIS>a framework for establishments to monitor, process, controller</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2004-3

00:10:07.763 --> 00:10:10.722

<v Eblen, Denise - FSIS>to establishment led paired sampling during production and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2004-4

00:10:10.722 --> 00:10:13.481

<v Eblen, Denise - FSIS>we want to make sure we leave you with a few thoughts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2024-0

00:10:13.931 --> 00:10:16.981

<v Eblen, Denise - FSIS>First, hopefully you'll leave with a better understanding of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2024-1

00:10:16.981 --> 00:10:18.581

<v Eblen, Denise - FSIS>the science we used to focus on.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2038-0

00:10:18.591 --> 00:10:22.241

<v Eblen, Denise - FSIS>What would make the biggest impact in reducing salmonella?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2075-0

00:10:22.411 --> 00:10:25.773

<v Eblen, Denise - FSIS>How and where we can intervene to get the best reduction of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2075-1

00:10:25.773 --> 00:10:29.191

<v Eblen, Denise - FSIS>illnesses and also why we plan to move away from testing for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2075-2

00:10:29.191 --> 00:10:31.431

<v Eblen, Denise - FSIS>only presence or absence of salmonella?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2113-0

00:10:33.461 --> 00:10:36.627

<v Eblen, Denise - FSIS>Why we have chosen these particular serotypes of public</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2113-1

00:10:36.627 --> 00:10:39.624

<v Eblen, Denise - FSIS>health concern and also an understanding of the dose</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2113-2

00:10:39.624 --> 00:10:41.941

<v Eblen, Denise - FSIS>response model for salmonella serotypes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2136-0
00:10:43.451 --> 00:10:47.299
<v Eblen, Denise - FSIS>So we have a lot to get through
today and tomorrow and with that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2136-1
00:10:47.299 --> 00:10:50.081
<v Eblen, Denise - FSIS>I will leave it at that and
let's get started.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2148-0
00:10:50.091 --> 00:10:51.901
<v Eblen, Denise - FSIS>I'll hand it back to Rear
Admiral Robson.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2158-0
00:10:51.911 --> 00:10:53.681
<v Eblen, Denise - FSIS>Hail to introduce our first
speaker.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2165-0
00:10:55.331 --> 00:10:56.461
<v Robertson Hale, Kis - FSIS>Thank you so much, Denise.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2188-0
00:10:57.481 --> 00:11:02.054
<v Robertson Hale, Kis - FSIS>So we'll now hear from John
Dorosh, deputy director for the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2188-1
00:11:02.054 --> 00:11:05.331
<v Robertson Hale, Kis - FSIS>Microbiological and Chemical
Hazard staff.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2209-0
00:11:05.441 --> 00:11:08.313
<v Robertson Hale, Kis - FSIS>He will be talking about the
Nacro Freeport and their</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2209-1
00:11:08.313 --> 00:11:10.121
<v Robertson Hale, Kis - FSIS>findings when salmonella
control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2214-0
00:11:14.111 --> 00:11:15.211
<v Jarosh, John - FSIS>Thank you, Admiral.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2226-0
00:11:15.221 --> 00:11:20.101
<v Jarosh, John - FSIS>Hell, good morning, everyone,
and thank you for attending.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2261-0

00:11:20.151 --> 00:11:23.288

<v Jarosh, John - FSIS>My name is Jon Jarosh and I serve as the deputy director of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2261-1

00:11:23.288 --> 00:11:26.581

<v Jarosh, John - FSIS>the Microbiological and Chemical Hazard staff in the Office of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2261-2

00:11:26.581 --> 00:11:29.613

<v Jarosh, John - FSIS>Public Health Science with the Food Safety and Inspection</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2261-3

00:11:29.613 --> 00:11:30.031

<v Jarosh, John - FSIS>Service.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2289-0

00:11:31.831 --> 00:11:34.816

<v Jarosh, John - FSIS>Today I'm going to discuss the advice received from the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2289-1

00:11:34.816 --> 00:11:38.066

<v Jarosh, John - FSIS>National Advisory Committee for microbiological Criteria for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2289-2

00:11:38.066 --> 00:11:40.091

<v Jarosh, John - FSIS>foods commonly referred to as NACMCF.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2307-0

00:11:42.171 --> 00:11:44.739

<v Jarosh, John - FSIS>Before I move on, let me briefly introduce Naghmeh to provide a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2307-1

00:11:44.739 --> 00:11:45.461

<v Jarosh, John - FSIS>little background.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2360-0

00:11:46.821 --> 00:11:50.464

<v Jarosh, John - FSIS>Macmath is a federal advisory committee established in 1988</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2360-1

00:11:50.464 --> 00:11:53.257

<v Jarosh, John - FSIS>that provides impartial scientific advice and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2360-2

00:11:53.257 --> 00:11:57.264

<v Jarosh, John - FSIS>recommendations to the Secretary of Agriculture and the Secretary</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2360-3
00:11:57.264 --> 00:12:01.149

<v Jarosh, John - FSIS>of Health and Human Services on public health issues related to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2360-4
00:12:01.149 --> 00:12:03.881

<v Jarosh, John - FSIS>the safety of the United States food supply.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2395-0
00:12:05.261 --> 00:12:08.573

<v Jarosh, John - FSIS>The committee consists of 30 members appointed by the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2395-1
00:12:08.573 --> 00:12:12.069

<v Jarosh, John - FSIS>Secretary of Agriculture for two year terms representing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2395-2
00:12:12.069 --> 00:12:15.871

<v Jarosh, John - FSIS>academia, industry, consumer organizations, state and federal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2395-3
00:12:15.871 --> 00:12:17.281

<v Jarosh, John - FSIS>public health partners.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2430-0
00:12:18.621 --> 00:12:21.681

<v Jarosh, John - FSIS>There are five federal agencies involved with Macbeth, and they</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2430-1
00:12:21.681 --> 00:12:24.692

<v Jarosh, John - FSIS>are the Department of Health and Human Services, Food and Drug</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2430-2
00:12:24.692 --> 00:12:27.751

<v Jarosh, John - FSIS>Administration, and Centers for Disease Control and Prevention.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2478-0
00:12:28.751 --> 00:12:31.757

<v Jarosh, John - FSIS>The Department of Defense Veterinary Service activity, the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2478-1
00:12:31.757 --> 00:12:35.119

<v Jarosh, John - FSIS>Department of Commerce, National Marine Fisheries Service and the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2478-2
00:12:35.119 --> 00:12:38.379

<v Jarosh, John - FSIS>Department of Agriculture's Food Safety and Inspection Service,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2478-3
00:12:38.379 --> 00:12:41.028

<v Jarosh, John - FSIS>which overseas the administrative management of the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2478-4
00:12:41.028 --> 00:12:44.034

<v Jarosh, John - FSIS>Committee in accordance with the provisions of the Federal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2478-5
00:12:44.034 --> 00:12:45.001

<v Jarosh, John - FSIS>Advisory Committee.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2491-0
00:13:11.441 --> 00:13:12.361

<v Robertson Hale, Kis - FSIS>John, are you OK?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2508-0
00:13:23.321 --> 00:13:26.701

<v Kelley, Kimberly - FSIS>I looks like we've ran into a technical difficulty.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2514-0
00:13:26.711 --> 00:13:28.071

<v Kelley, Kimberly - FSIS>Please give us one second.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2540-0
00:14:35.921 --> 00:14:36.141

<v Kelley, Kimberly - FSIS>App.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2560-0
00:14:36.759 --> 00:14:43.452

<v Kelley, Kimberly - FSIS>And the technical issues we are going to have, John, as back up</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2560-1
00:14:43.452 --> 00:14:44.289

<v Kelley, Kimberly - FSIS>jump in.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2571-0
00:14:44.299 --> 00:14:47.059

<v Kelley, Kimberly - FSIS>So please give us one second to get that started.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2573-0

00:14:47.069 --> 00:14:47.469

<v Kelley, Kimberly - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2580-0

00:14:58.429 --> 00:15:00.599

<v Mbandi, Evelyne - FSIS>So good morning everyone.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2604-0

00:15:01.229 --> 00:15:04.609

<v Mbandi, Evelyne - FSIS>I am Evelyn Bandy with a food safety and inspection service.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2637-0

00:15:05.459 --> 00:15:09.540

<v Mbandi, Evelyne - FSIS>Sorry about the technical difficulties, so I'm gonna</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2637-1

00:15:09.540 --> 00:15:12.159

<v Mbandi, Evelyne - FSIS>continue from where John stopped.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2648-0

00:15:12.619 --> 00:15:14.629

<v Mbandi, Evelyne - FSIS>Hope you can see my side.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2677-0

00:15:16.829 --> 00:15:19.389

<v Kelley, Kimberly - FSIS>Evelyn, if you could please put that in presenter mode, that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2677-1

00:15:19.389 --> 00:15:20.019

<v Kelley, Kimberly - FSIS>would be great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2683-0

00:15:20.029 --> 00:15:20.449

<v Kelley, Kimberly - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2685-0

00:15:20.629 --> 00:15:21.269

<v Mbandi, Evelyne - FSIS>Sure, sure.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2702-0

00:15:32.339 --> 00:15:33.819

<v Mbandi, Evelyne - FSIS>Just give me one second.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2707-0

00:15:44.509 --> 00:15:44.799

<v Mbandi, Evelyne - FSIS>Stop.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2721-0

00:15:50.659 --> 00:15:51.899

<v Mbandi, Evelyne - FSIS>Can you see my slide?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2753-0
00:15:57.089 --> 00:16:01.049
<v Kelley, Kimberly - FSIS>Unfortunately, we cannot. It's.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2737-0
00:16:00.309 --> 00:16:00.749
<v Mbandi, Evelyne - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2743-0
00:16:00.889 --> 00:16:01.119
<v Mbandi, Evelyne - FSIS>Bye.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2757-0
00:16:01.129 --> 00:16:02.779
<v Mbandi, Evelyne - FSIS>But let me stop sharing and then.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2760-0
00:16:04.079 --> 00:16:04.359
<v Kelley, Kimberly - FSIS>Yeah.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2762-0
00:16:05.129 --> 00:16:05.429
<v Mbandi, Evelyne - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2767-0
00:16:09.329 --> 00:16:09.899
<v Mbandi, Evelyne - FSIS>Sharing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2771-0
00:16:12.349 --> 00:16:13.009
<v Mbandi, Evelyne - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2779-0
00:16:21.289 --> 00:16:22.269
<v Mbandi, Evelyne - FSIS>Give me one SEC.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2794-0
00:16:39.139 --> 00:16:40.139
<v Mbandi, Evelyne - FSIS>Can you see my side?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2811-0
00:16:44.839 --> 00:16:46.929
<v Robertson Hale, Kis - FSIS>No, no, Evelyn, I.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2820-0
00:16:46.179 --> 00:16:49.179
<v Mbandi, Evelyne - FSIS>If you can't, OK, sorry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2836-0
00:16:49.189 --> 00:16:52.259
<v Mbandi, Evelyne - FSIS>Let me let me stop and do it again.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2839-0
00:16:53.249 --> 00:16:54.289
<v Robertson Hale, Kis - FSIS>OK, no worries.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2842-0
00:16:57.019 --> 00:16:57.409
<v Mbandi, Evelyne - FSIS>Hmm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2855-0
00:17:08.219 --> 00:17:11.129
<v Kelley, Kimberly - FSIS>Here, Evelyn, I'll share for you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2870-0
00:17:11.179 --> 00:17:13.519
<v Kelley, Kimberly - FSIS>Let me get my screen up.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2877-0
00:17:15.049 --> 00:17:15.759
<v Kelley, Kimberly - FSIS>There you go.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2885-0
00:17:15.139 --> 00:17:15.479
<v Mbandi, Evelyne - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2887-0
00:17:16.029 --> 00:17:16.949
<v Kelley, Kimberly - FSIS>I can share on my end.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2893-0
00:17:22.519 --> 00:17:23.419
<v Mbandi, Evelyne - FSIS>OK, give me.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2912-0
00:17:43.359 --> 00:17:45.969
<v Mbandi, Evelyne - FSIS>OK, just give me a minute.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2933-0
00:17:59.739 --> 00:18:04.189
<v Mbandi, Evelyne - FSIS>OK, sorry about the technical glitch.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2958-0
00:18:04.339 --> 00:18:09.559
<v Mbandi, Evelyne - FSIS>So John was on the slide at talking about Nightmare.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/2978-0
00:18:10.509 --> 00:18:13.879
<v Mbandi, Evelyne - FSIS>So they're five federal agencies involved in Macmath.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-0

00:18:14.429 --> 00:18:18.301

<v Mbandi, Evelyne - FSIS>You have the Department of Health and Human Services, Food</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-1

00:18:18.301 --> 00:18:22.501

<v Mbandi, Evelyne - FSIS>and Drug Administration and the Centres for Disease Control and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-2

00:18:22.501 --> 00:18:26.439

<v Mbandi, Evelyne - FSIS>Prevention, the Department of Defence, Veterinary Services,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-3

00:18:26.439 --> 00:18:29.720

<v Mbandi, Evelyne - FSIS>Activity, Department of Commerce, National Marine</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-4

00:18:29.720 --> 00:18:33.724

<v Mbandi, Evelyne - FSIS>Fisheries and the Department of Agriculture, Food Safety and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-5

00:18:33.724 --> 00:18:37.530

<v Mbandi, Evelyne - FSIS>Inspection Service, which overseas the administration and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-6

00:18:37.530 --> 00:18:41.796

<v Mbandi, Evelyne - FSIS>management of this committee in accordance with the provision of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3118-7

00:18:41.796 --> 00:18:44.159

<v Mbandi, Evelyne - FSIS>the Federal Advisory Committee Act.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3154-0

00:18:44.469 --> 00:18:48.664

<v Mbandi, Evelyne - FSIS>So For more information and Macmath, you can scan the QR</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3154-1

00:18:48.664 --> 00:18:49.989

<v Mbandi, Evelyne - FSIS>code on the slide.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3196-0

00:18:51.149 --> 00:18:57.579

<v Mbandi, Evelyne - FSIS>So with this, uh, background will go over the questions that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3196-1

00:18:57.579 --> 00:19:02.639

<v Mbandi, Evelyne - FSIS>FSI asked are not meant to provide guidance on.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3202-0

00:19:05.299 --> 00:19:06.169

<v Mbandi, Evelyne - FSIS>Next slide please.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3247-0

00:19:13.269 --> 00:19:19.896

<v Mbandi, Evelyne - FSIS>So in November of 2021, FSIS charged Macmath with addressing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3247-1

00:19:19.896 --> 00:19:24.459

<v Mbandi, Evelyne - FSIS>the overarching risk management question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3267-0

00:19:24.899 --> 00:19:28.869

<v Mbandi, Evelyne - FSIS>What types of microbiological criteria may FSS use?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3325-0

00:19:29.199 --> 00:19:33.382

<v Mbandi, Evelyne - FSIS>So encourage reduction in salmonella in poultry products</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3325-1

00:19:33.382 --> 00:19:38.006

<v Mbandi, Evelyne - FSIS>so that they are more effective in preventing human salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3325-2

00:19:38.006 --> 00:19:41.089

<v Mbandi, Evelyne - FSIS>infections associated with this products.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3332-0

00:19:44.419 --> 00:19:45.729

<v Mbandi, Evelyne - FSIS>So next slide please.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3363-0

00:19:45.789 --> 00:19:49.032

<v Mbandi, Evelyne - FSIS>So in addition to the overarching risk management</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3363-1

00:19:49.032 --> 00:19:52.729

<v Mbandi, Evelyne - FSIS>question, FSI provided nine additional charge questions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3386-0

00:19:53.739 --> 00:19:57.889

<v Mbandi, Evelyne - FSIS>The nightmares took this nine questions and grouped them into</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3386-1

00:19:57.889 --> 00:20:00.969

<v Mbandi, Evelyne - FSIS>four categories as they completed their work.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3456-0

00:20:02.249 --> 00:20:06.586

<v Mbandi, Evelyne - FSIS>The first category was related to public health assessing the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3456-1

00:20:06.586 --> 00:20:10.363

<v Mbandi, Evelyne - FSIS>public health impact of controlling salmonella levels</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3456-2

00:20:10.363 --> 00:20:14.490

<v Mbandi, Evelyne - FSIS>and all serotypes and the use of foodborne illness data to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3456-3

00:20:14.490 --> 00:20:17.359

<v Mbandi, Evelyne - FSIS>monitor salmonella serotypes of concern.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3476-0

00:20:18.769 --> 00:20:22.959

<v Mbandi, Evelyne - FSIS>The second category was on microbial criteria.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3525-0

00:20:23.959 --> 00:20:27.554

<v Mbandi, Evelyne - FSIS>The types of management controls for preharvest types of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3525-1

00:20:27.554 --> 00:20:31.591

<v Mbandi, Evelyne - FSIS>management controls to measure control of salmonella throughout</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3525-2

00:20:31.591 --> 00:20:32.979

<v Mbandi, Evelyne - FSIS>the slaughter process.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-0

00:20:34.009 --> 00:20:38.038

<v Mbandi, Evelyne - FSIS>Use of FSI published correlations between change and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-1

00:20:38.038 --> 00:20:43.057

<v Mbandi, Evelyne - FSIS>indicators from the beginning to the end of the slaughter process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-2

00:20:43.057 --> 00:20:47.695

<v Mbandi, Evelyne - FSIS>and presence of salmonella on the caucus and also the use of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-3

00:20:47.695 --> 00:20:51.953

<v Mbandi, Evelyne - FSIS>genomic data and pathogen characteristics in management</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-4

00:20:51.953 --> 00:20:56.591

<v Mbandi, Evelyne - FSIS>control and the third category was related to lab methods to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-5

00:20:56.591 --> 00:21:01.457

<v Mbandi, Evelyne - FSIS>evaluate salmonella enumeration methods and provide guidance on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-6

00:21:01.457 --> 00:21:05.943

<v Mbandi, Evelyne - FSIS>the FSI usage and identify lab test methods or research to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3694-7

00:21:05.943 --> 00:21:08.529

<v Mbandi, Evelyne - FSIS>mitigate serotype selection bias.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3713-0

00:21:09.479 --> 00:21:14.419

<v Mbandi, Evelyne - FSIS>And the 4th and final category addressed research needs.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3746-0

00:21:18.269 --> 00:21:21.985

<v Mbandi, Evelyne - FSIS>So not math returned 9 recommendations which we've</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3746-1

00:21:21.985 --> 00:21:25.119

<v Mbandi, Evelyne - FSIS>summarized over the next couple of slides.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3798-0

00:21:26.819 --> 00:21:30.963

<v Mbandi, Evelyne - FSIS>So the first to collect data to refine attribution models and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3798-1

00:21:30.963 --> 00:21:34.438

<v Mbandi, Evelyne - FSIS>determine which exposure and food handler practices</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3798-2

00:21:34.438 --> 00:21:35.909

<v Mbandi, Evelyne - FSIS>contribute to illness.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3843-0

00:21:37.199 --> 00:21:41.501

<v Mbandi, Evelyne - FSIS>The second is expand sampling preharvest and postharvest and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3843-1

00:21:41.501 --> 00:21:45.239

<v Mbandi, Evelyne - FSIS>test for salmonella presence levels and stereotypes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3856-0

00:21:46.469 --> 00:21:49.520

<v Mbandi, Evelyne - FSIS>Practice more frequently contaminated product, for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3856-1

00:21:49.520 --> 00:21:49.999

<v Mbandi, Evelyne - FSIS>example.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3971-0

00:21:51.509 --> 00:21:57.479

<v Mbandi, Evelyne - FSIS>Comminuted poultry and Pats breaded stuffed chicken products</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3971-1

00:21:57.479 --> 00:22:02.959

<v Mbandi, Evelyne - FSIS>that was incentivise industry data sharing and industry</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3971-2

00:22:02.959 --> 00:22:08.733

<v Mbandi, Evelyne - FSIS>practices from PREHARVEST to final product and to use this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3971-3

00:22:08.733 --> 00:22:14.703

<v Mbandi, Evelyne - FSIS>data in risk assessments to enhance process control measures</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3971-4

00:22:14.703 --> 00:22:18.129

<v Mbandi, Evelyne - FSIS>and develop a preharvest guidance.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3974-0

00:22:22.439 --> 00:22:22.839

<v Mbandi, Evelyne - FSIS>So.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/3996-0

00:22:24.389 --> 00:22:29.129

<v Mbandi, Evelyne - FSIS>Max uh the 4th was for every two to three years.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4053-0

00:22:30.189 --> 00:22:34.351

<v Mbandi, Evelyne - FSIS>Compare the serotypes that isolated from patients and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4053-1

00:22:34.351 --> 00:22:39.206

<v Mbandi, Evelyne - FSIS>poultry products and determine if intervention strategies used</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4053-2

00:22:39.206 --> 00:22:43.677

<v Mbandi, Evelyne - FSIS>by the industry effective against all salmonella equally,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4053-3

00:22:43.677 --> 00:22:46.529

<v Mbandi, Evelyne - FSIS>or selecting for specific serotypes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-0

00:22:47.479 --> 00:22:51.874

<v Mbandi, Evelyne - FSIS>And the fifth was developed and validate our quantitative</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-1

00:22:51.874 --> 00:22:55.891

<v Mbandi, Evelyne - FSIS>salmonella test methods to evaluate effectiveness of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-2

00:22:55.891 --> 00:23:00.363

<v Mbandi, Evelyne - FSIS>slaughter and processing in mitigating product with higher</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-3

00:23:00.363 --> 00:23:04.835

<v Mbandi, Evelyne - FSIS>levels or a serotypes entering comments and the 5th was to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-4

00:23:04.835 --> 00:23:09.003

<v Mbandi, Evelyne - FSIS>complete risk assessments for salmonella in poultry to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-5

00:23:09.003 --> 00:23:13.247

<v Mbandi, Evelyne - FSIS>evaluate the public health impact of control strategies</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-6
00:23:13.247 --> 00:23:17.719

<v Mbandi, Evelyne - FSIS>including qualitative and quantitative standards, possibly</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4206-7
00:23:17.719 --> 00:23:20.069

<v Mbandi, Evelyne - FSIS>with a serotype identification.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4266-0
00:23:22.259 --> 00:23:27.593

<v Mbandi, Evelyne - FSIS>So the the 7th upon completion of the risk assessments,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4266-1
00:23:27.593 --> 00:23:33.499

<v Mbandi, Evelyne - FSIS>consider developing changes to performance standards based on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4266-2
00:23:33.499 --> 00:23:37.119

<v Mbandi, Evelyne - FSIS>the findings of the risk assessments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4281-0
00:23:38.959 --> 00:23:40.879

<v Mbandi, Evelyne - FSIS>Can you move to the next slide the OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4287-0
00:23:40.889 --> 00:23:41.489

<v Mbandi, Evelyne - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4440-0
00:23:41.819 --> 00:23:46.734

<v Mbandi, Evelyne - FSIS>And but if was to incentivise industry to develop, validate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4440-1
00:23:46.734 --> 00:23:51.322

<v Mbandi, Evelyne - FSIS>and implement robust salmonella mitigation programs and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4440-2
00:23:51.322 --> 00:23:56.401

<v Mbandi, Evelyne - FSIS>qualitative salmonella testing at the breather High Tree grow</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4440-3
00:23:56.401 --> 00:24:01.234

<v Mbandi, Evelyne - FSIS>out and transport levels and to

target conditions in house</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4440-4

00:24:01.234 --> 00:24:06.068

<v Mbandi, Evelyne - FSIS>transport crates and holding areas that have or salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4440-5

00:24:06.068 --> 00:24:10.327

<v Mbandi, Evelyne - FSIS>and finally the 9th recommendation is to reevaluate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4440-6

00:24:10.327 --> 00:24:15.489

<v Mbandi, Evelyne - FSIS>this magnet guidance within two to within three to five years.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4453-0

00:24:15.499 --> 00:24:19.924

<v Mbandi, Evelyne - FSIS>Excuse me, after collecting data and completing the risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4453-1

00:24:19.924 --> 00:24:20.779

<v Mbandi, Evelyne - FSIS>assessment.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4479-0

00:24:24.759 --> 00:24:29.651

<v Mbandi, Evelyne - FSIS>So with that, the complete Nacmcf report, published in a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4479-1

00:24:29.651 --> 00:24:31.969

<v Mbandi, Evelyne - FSIS>Journal of Food Protection.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4516-0

00:24:33.139 --> 00:24:38.774

<v Mbandi, Evelyne - FSIS>It's available on the FSS website and you can use the QR</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4516-1

00:24:38.774 --> 00:24:43.619

<v Mbandi, Evelyne - FSIS>code on the slide to read the report in details.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4519-0

00:24:43.959 --> 00:24:44.499

<v Mbandi, Evelyne - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4547-0

00:24:49.449 --> 00:24:52.969

<v Robertson Hale, Kis - FSIS>Thank you so much, Doctor Bandy, and also thanks for stepping in.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4565-0

00:24:53.929 --> 00:24:57.399

<v Robertson Hale, Kis - FSIS>Um and and relieving us of the technical difficulties there.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4568-0

00:24:58.169 --> 00:24:58.849

<v Robertson Hale, Kis - FSIS>Appreciate that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4631-0

00:25:00.739 --> 00:25:06.998

<v Robertson Hale, Kis - FSIS>OK, so now we will move on to I, doctor Shaw, who will share with</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4631-1

00:25:06.998 --> 00:25:12.594

<v Robertson Hale, Kis - FSIS>us results of the poultry exploratory sampling and talk to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4631-2

00:25:12.594 --> 00:25:16.009

<v Robertson Hale, Kis - FSIS>us about lab methods as well, Bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4643-0

00:25:26.149 --> 00:25:28.939

<v Shaw, William - FSIS>Hello I'm trying to get my.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4661-0

00:25:34.729 --> 00:25:37.599

<v Shaw, William - FSIS>Hesitation into hesitation mode.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4671-0

00:25:39.209 --> 00:25:40.999

<v Shaw, William - FSIS>Alright, good morning everyone.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4753-0

00:25:42.489 --> 00:25:46.847

<v Shaw, William - FSIS>I am happy to talk about the exploratory sampling project</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4753-1

00:25:46.847 --> 00:25:51.506

<v Shaw, William - FSIS>that the FBI's laboratory is performed and you know of all of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4753-2

00:25:51.506 --> 00:25:56.089

<v Shaw, William - FSIS>the of the different scientific inputs that we're gonna talk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4753-3

00:25:56.089 --> 00:25:58.269

<v Shaw, William - FSIS>about over the next two days.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4785-0
00:25:58.279 --> 00:26:02.016
<v Shaw, William - FSIS>I just wanted to sort of say
that I'm gonna be talking about</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4785-1
00:26:02.016 --> 00:26:04.099
<v Shaw, William - FSIS>the exploratory sampling
project.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4815-0
00:26:06.309 --> 00:26:09.059
<v Shaw, William - FSIS>And so this as an overview of
this project.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4851-0
00:26:09.969 --> 00:26:14.936
<v Shaw, William - FSIS>So it started with a paired 2
point product sampling of young</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4851-1
00:26:14.936 --> 00:26:16.379
<v Shaw, William - FSIS>chicken carcasses.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4950-0
00:26:17.219 --> 00:26:22.662
<v Shaw, William - FSIS>And so, before intervention and
after intervention and and then</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4950-1
00:26:22.662 --> 00:26:27.851
<v Shaw, William - FSIS>so added a a paired exploratory
sampling collected at rehang</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4950-2
00:26:27.851 --> 00:26:33.209
<v Shaw, William - FSIS>prior to each post show carcass
sample and then a sample which</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4950-3
00:26:33.209 --> 00:26:37.802
<v Shaw, William - FSIS>was the typical post chill
sample that our inspectors</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/4950-4
00:26:37.802 --> 00:26:40.099
<v Shaw, William - FSIS>collect on a regular basis.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5013-0
00:26:40.329 --> 00:26:45.138
<v Shaw, William - FSIS>So there was no change in sample
collection method and and the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5013-1

00:26:45.138 --> 00:26:49.947

<v Shaw, William - FSIS>exploratory pair rehang samples collected from the same lot as</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5013-2

00:26:49.947 --> 00:26:53.459

<v Shaw, William - FSIS>the post shells sample at the same frequency.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5045-0

00:26:53.569 --> 00:26:58.866

<v Shaw, William - FSIS>So it was not the same bird, but it was, um, a two birds from the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5045-1

00:26:58.866 --> 00:26:59.749

<v Shaw, William - FSIS>same flock.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5086-0

00:27:02.249 --> 00:27:05.589

<v Shaw, William - FSIS>And then this slide I wanted to talk a little bit about our sort</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5086-1

00:27:05.589 --> 00:27:08.159

<v Shaw, William - FSIS>of talk a little bit about materials and methods.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5101-0

00:27:08.469 --> 00:27:10.609

<v Shaw, William - FSIS>This was our original original plan.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5136-0

00:27:12.359 --> 00:27:18.209

<v Shaw, William - FSIS>The idea was to have 4800 Rehang and Postill data points at.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5202-0

00:27:18.219 --> 00:27:22.684

<v Shaw, William - FSIS>We had, based on previous studies, we had an expected</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5202-1

00:27:22.684 --> 00:27:27.729

<v Shaw, William - FSIS>positive rate for each and so therefore that this was really</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5202-2

00:27:27.729 --> 00:27:32.856

<v Shaw, William - FSIS>good for planning purposes and we had targeted 12 samples per</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5202-3

00:27:32.856 --> 00:27:37.156

<v Shaw, William - FSIS>establishment and that was to support aerobic count</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5202-4

00:27:37.156 --> 00:27:38.149

<v Shaw, William - FSIS>comparisons.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5279-0

00:27:38.329 --> 00:27:42.679

<v Shaw, William - FSIS>And so for the lab analysis portions, you know Salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5279-1

00:27:42.679 --> 00:27:47.179

<v Shaw, William - FSIS>presence, absence indicator testing, both aerobic count and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5279-2

00:27:47.179 --> 00:27:51.754

<v Shaw, William - FSIS>enter a bacteria, ACA salmonella quantification and serotype</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5279-3

00:27:51.754 --> 00:27:54.979

<v Shaw, William - FSIS>information using whole genome sequencing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5330-0

00:27:55.039 --> 00:28:01.038

<v Shaw, William - FSIS>And I do want to point out that I'm using the term aerobic count</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5330-1

00:28:01.038 --> 00:28:05.469

<v Shaw, William - FSIS>because in our labs we use a tempo format that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5339-0

00:28:08.249 --> 00:28:09.599

<v Shaw, William - FSIS>That does this testing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5379-0

00:28:09.609 --> 00:28:13.412

<v Shaw, William - FSIS>It's not a pleading based methodology, so you will hear me</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5379-1

00:28:13.412 --> 00:28:16.249

<v Shaw, William - FSIS>say aerobic count, not aerobic plate count.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5481-0

00:28:18.579 --> 00:28:23.169

<v Shaw, William - FSIS>And then some of the questions that we want that that we wanted</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5481-1

00:28:23.169 --> 00:28:27.688

<v Shaw, William - FSIS>to provide data to the agency around for the framework is, um,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5481-2

00:28:27.688 --> 00:28:31.490

<v Shaw, William - FSIS>information on the aerobic count, enterobacteria sea</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5481-3

00:28:31.490 --> 00:28:35.651

<v Shaw, William - FSIS>indicators presence and absence of salmonella, salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5481-4

00:28:35.651 --> 00:28:38.879

<v Shaw, William - FSIS>quantification and then salmonella serotype.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5590-0

00:28:40.689 --> 00:28:44.968

<v Shaw, William - FSIS>And then and then, you know, our indicator indicator reductions</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5590-1

00:28:44.968 --> 00:28:48.511

<v Shaw, William - FSIS>associated with salmonella reductions and prevalence</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5590-2

00:28:48.511 --> 00:28:52.657

<v Shaw, William - FSIS>statistical, any statistical differences in AC and salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5590-3

00:28:52.657 --> 00:28:56.267

<v Shaw, William - FSIS>levels at rehab are hassle controls and interventions</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5590-4

00:28:56.267 --> 00:29:00.413

<v Shaw, William - FSIS>effective and some of the some of the other research question</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5590-5

00:29:00.413 --> 00:29:03.489

<v Shaw, William - FSIS>was looking at some angle serotype diversity.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5617-0

00:29:06.399 --> 00:29:11.852

<v Shaw, William - FSIS>And and many of you have seen me talk about this slide in in past</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5617-1

00:29:11.852 --> 00:29:13.009

<v Shaw, William - FSIS>presentations.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5671-0

00:29:13.019 --> 00:29:17.449

<v Shaw, William - FSIS>As we've as we've worked through this exploratory sampling</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5671-1

00:29:17.449 --> 00:29:21.729

<v Shaw, William - FSIS>project and this is sort of resulted as snapshot, we did</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5671-2

00:29:21.729 --> 00:29:25.559

<v Shaw, William - FSIS>very significant achievement for the laboratories.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5742-0

00:29:25.569 --> 00:29:31.585

<v Shaw, William - FSIS>We did get 49111 paired set paired samples so so so we we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5742-1

00:29:31.585 --> 00:29:38.432

<v Shaw, William - FSIS>met our goal as expected, 62% of the rehabs or positive and 5% of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5742-2

00:29:38.432 --> 00:29:41.129

<v Shaw, William - FSIS>post chills were positive.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5784-0

00:29:43.019 --> 00:29:48.091

<v Shaw, William - FSIS>Really, really high level and I'm going to sort of break down</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5784-1

00:29:48.091 --> 00:29:51.609

<v Shaw, William - FSIS>the these results in, in, in later slides.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5837-0

00:29:51.709 --> 00:29:55.446

<v Shaw, William - FSIS>So on of the indicator data on average rehang indicator counts</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5837-1

00:29:55.446 --> 00:29:58.709

<v Shaw, William - FSIS>were reduced to the limits of detection at post chill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5907-0

00:29:59.059 --> 00:30:02.302

<v Shaw, William - FSIS>The reduction in paired is consistent with effective</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5907-1

00:30:02.302 --> 00:30:05.790

<v Shaw, William - FSIS>interventions, and you'll see that data in a in a couple</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5907-2

00:30:05.790 --> 00:30:09.401

<v Shaw, William - FSIS>slides serotypes who are broad range of serotypes found in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5907-3

00:30:09.401 --> 00:30:10.809

<v Shaw, William - FSIS>rehang and post chills.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5957-0

00:30:10.979 --> 00:30:14.621

<v Shaw, William - FSIS>It was common though, that the same stereotype is was recovered</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5957-1

00:30:14.621 --> 00:30:18.377

<v Shaw, William - FSIS>a majority of the time when both the the REHANG and the post show</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/5957-2

00:30:18.377 --> 00:30:19.459

<v Shaw, William - FSIS>were were positive.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6023-0

00:30:21.109 --> 00:30:25.579

<v Shaw, William - FSIS>From a salmonella quantification point of view, um, you know,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6023-1

00:30:25.579 --> 00:30:29.617

<v Shaw, William - FSIS>just under 1500 rehang that a little over 100 post show</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6023-2

00:30:29.617 --> 00:30:30.699

<v Shaw, William - FSIS>positive sound.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6070-0

00:30:30.709 --> 00:30:36.203

<v Shaw, William - FSIS>They'll samples were analyzed

18.4% of the rehabs at 15.5% of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6070-1

00:30:36.203 --> 00:30:40.989

<v Shaw, William - FSIS>post skills returned to detectable, enumerated value.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6124-0

00:30:43.119 --> 00:30:48.073

<v Shaw, William - FSIS>And then the remaining majority fall below the detectable limit</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6124-1

00:30:48.073 --> 00:30:51.789

<v Shaw, William - FSIS>corresponding to a .03 to 10 CFU per mil range.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6153-0

00:30:51.959 --> 00:30:55.354

<v Shaw, William - FSIS>And we're gonna breakdown that that information a little bit</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6153-1

00:30:55.354 --> 00:30:56.969

<v Shaw, William - FSIS>more in in subsequent slides.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6195-0

00:30:57.819 --> 00:31:03.614

<v Shaw, William - FSIS>This is this is a a sort of rendering of the enterobacteria</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6195-1

00:31:03.614 --> 00:31:07.189

<v Shaw, William - FSIS>ACA versus aerobic post shell count.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6245-0

00:31:07.239 --> 00:31:12.062

<v Shaw, William - FSIS>So on the left side, you'll see enterobacteria ACA which which</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6245-1

00:31:12.062 --> 00:31:16.349

<v Shaw, William - FSIS>which is is an indicator used by some some individuals.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6253-0

00:31:17.379 --> 00:31:18.589

<v Shaw, William - FSIS>Important thing here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6324-0

00:31:18.599 --> 00:31:23.838

<v Shaw, William - FSIS>When when you look at at the post chill on the entry back to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6324-1
00:31:23.838 --> 00:31:29.335
<v Shaw, William - FSIS>your side, you see only 16% of
samples were detectable with 83%</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6324-2
00:31:29.335 --> 00:31:31.569
<v Shaw, William - FSIS>of samples non detectable.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6373-0
00:31:31.639 --> 00:31:35.682
<v Shaw, William - FSIS>But when you look on the right
side with the aerobic count, you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6373-1
00:31:35.682 --> 00:31:39.284
<v Shaw, William - FSIS>see 70% of the samples are still
detectable and only 30%</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6373-2
00:31:39.284 --> 00:31:40.169
<v Shaw, William - FSIS>nondetectable.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6425-0
00:31:42.109 --> 00:31:45.922
<v Shaw, William - FSIS>This is really important when
doing process control and and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6425-1
00:31:45.922 --> 00:31:49.545
<v Shaw, William - FSIS>and following process control
because because to look at</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6425-2
00:31:49.545 --> 00:31:53.485
<v Shaw, William - FSIS>process control and look at at
cell reductions, you really do</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6425-3
00:31:53.485 --> 00:31:55.329
<v Shaw, William - FSIS>wanna have countable results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6482-0
00:31:55.339 --> 00:31:59.977
<v Shaw, William - FSIS>And so in this case, aerobic
count as an indicator Organism</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6482-1
00:31:59.977 --> 00:32:04.615
<v Shaw, William - FSIS>provides much more utility
because you have more samples in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6482-2

00:32:04.615 --> 00:32:06.239

<v Shaw, William - FSIS>in accountable range.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6625-0

00:32:08.129 --> 00:32:12.485

<v Shaw, William - FSIS>And then this is a further sort of description of that and so on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6625-1

00:32:12.485 --> 00:32:16.774

<v Shaw, William - FSIS>the top and the green, you see the long log transferred aerobic</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6625-2

00:32:16.774 --> 00:32:21.198

<v Shaw, William - FSIS>count at rehang and then you see in the sort of like yellow below</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6625-3

00:32:21.198 --> 00:32:25.219

<v Shaw, William - FSIS>the log transferred aerobic count at post chill and you see</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6625-4

00:32:25.219 --> 00:32:29.509

<v Shaw, William - FSIS>the reductions and and and it's it's it's clear sort of sort of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6625-5

00:32:29.509 --> 00:32:32.659

<v Shaw, William - FSIS>reduction data and you see a reduction of 2.9.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6631-0

00:32:36.839 --> 00:32:37.479

<v Shaw, William - FSIS>Locked.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6673-0

00:32:38.209 --> 00:32:42.129

<v Shaw, William - FSIS>And then in this next side, we did, we did sort of look at</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6673-1

00:32:42.129 --> 00:32:45.119

<v Shaw, William - FSIS>aerobic count as an indicator of salmonella.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6732-0

00:32:45.289 --> 00:32:50.395

<v Shaw, William - FSIS>You do see in the top top line in green, salmonella, negative</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6732-1

00:32:50.395 --> 00:32:55.667

<v Shaw, William - FSIS>transformed, um log transformed aerobic count at post chill and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6732-2

00:32:55.667 --> 00:32:59.209

<v Shaw, William - FSIS>then on the bottom and the yellow you see.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6830-0

00:33:01.939 --> 00:33:06.827

<v Shaw, William - FSIS>Aerobic how values from salmonella positive and samples</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6830-1

00:33:06.827 --> 00:33:11.715

<v Shaw, William - FSIS>and so you do see what a trend you you do see that like</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6830-2

00:33:11.715 --> 00:33:17.126

<v Shaw, William - FSIS>salmonella positive samples with a with a higher aerobic with</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6830-3

00:33:17.126 --> 00:33:21.229

<v Shaw, William - FSIS>higher aerobic count values in the next slide.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6855-0

00:33:21.239 --> 00:33:25.569

<v Shaw, William - FSIS>I'm going to break down that data little bit more.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6864-0

00:33:25.629 --> 00:33:27.439

<v Shaw, William - FSIS>That's in that bottom yellow.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6876-0

00:33:31.619 --> 00:33:32.979

<v Shaw, William - FSIS>Graph and so.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6924-0

00:33:34.639 --> 00:33:39.209

<v Shaw, William - FSIS>So we looked a little deeper into that, into that, into this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6924-1

00:33:39.209 --> 00:33:43.629

<v Shaw, William - FSIS>information around aerobic counts from salmonella positive</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6924-2

00:33:43.629 --> 00:33:44.229

<v Shaw, William - FSIS>samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6998-0
00:33:44.469 --> 00:33:48.661
<v Shaw, William - FSIS>And so in the red on the top you
this is high volume</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6998-1
00:33:48.661 --> 00:33:53.645
<v Shaw, William - FSIS>establishments and so you see
with high volume establishments,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6998-2
00:33:53.645 --> 00:33:58.233
<v Shaw, William - FSIS>you don't see as much of A
correlation between salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/6998-3
00:33:58.233 --> 00:34:00.369
<v Shaw, William - FSIS>positive and aerobic count.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7062-0
00:34:00.799 --> 00:34:04.850
<v Shaw, William - FSIS>However, in the bottom Gray, we
low volume establishments you,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7062-1
00:34:04.850 --> 00:34:08.709
<v Shaw, William - FSIS>Jill and and you see that sort
of like higher aerobic count</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7062-2
00:34:08.709 --> 00:34:11.989
<v Shaw, William - FSIS>values corresponding with the
salmonella positive.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7074-0
00:34:12.159 --> 00:34:13.389
<v Shaw, William - FSIS>And so as an out.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7165-0
00:34:13.399 --> 00:34:17.074
<v Shaw, William - FSIS>So as a takeaway from this
relationship is weighted higher</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7165-1
00:34:17.074 --> 00:34:20.624
<v Shaw, William - FSIS>and smaller, low volume
establishments and may represent</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7165-2
00:34:20.624 --> 00:34:23.801
<v Shaw, William - FSIS>differences in passive
effectiveness rather than a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7165-3

00:34:23.801 --> 00:34:27.414

<v Shaw, William - FSIS>direct correlation, although
still very, very informative</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7165-4

00:34:27.414 --> 00:34:31.089

<v Shaw, William - FSIS>information, because passive
effectiveness is the basis</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7165-5

00:34:31.089 --> 00:34:31.339

<v Shaw, William - FSIS>for.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7180-0

00:34:33.949 --> 00:34:37.319

<v Shaw, William - FSIS>Of producing, you know,
acceptable product.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7194-0

00:34:39.919 --> 00:34:41.549

<v Shaw, William - FSIS>Salmonella presence absence.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7268-0

00:34:41.609 --> 00:34:46.843

<v Shaw, William - FSIS>So as I said earlier in the in
the overall in the sort of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7268-1

00:34:46.843 --> 00:34:52.619

<v Shaw, William - FSIS>summary slide we at rehang, we
did have 62.6% positive and then</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7268-2

00:34:52.619 --> 00:34:56.049

<v Shaw, William - FSIS>at the post chill we had 5%
positive.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7321-0

00:34:56.499 --> 00:35:02.086

<v Shaw, William - FSIS>So um, this shows a an efficacy
of microbial interventions</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7321-1

00:35:02.086 --> 00:35:07.389

<v Shaw, William - FSIS>throughout the process and and
this was data was fairly</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7321-2

00:35:07.389 --> 00:35:10.609

<v Shaw, William - FSIS>consistent with previous
studies.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7394-0

00:35:11.159 --> 00:35:16.891

<v Shaw, William - FSIS>And I will say that this study that having 4800 and we actually</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7394-1

00:35:16.891 --> 00:35:22.535

<v Shaw, William - FSIS>overachieved that 4900 paired samples was larger than previous</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7394-2

00:35:22.535 --> 00:35:25.939

<v Shaw, William - FSIS>um baselines conducted by the agency.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7438-0

00:35:28.279 --> 00:35:31.928

<v Shaw, William - FSIS>When we get into the quantification, numbers and so</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7438-1

00:35:31.928 --> 00:35:35.789

<v Shaw, William - FSIS>on, the left side is rehang, right side is post chill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7501-0

00:35:36.039 --> 00:35:42.098

<v Shaw, William - FSIS>You'll see that there were 18 1/2 percent of positives were</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7501-1

00:35:42.098 --> 00:35:48.359

<v Shaw, William - FSIS>quantifiable at the rehang, and then on the right side you'll</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7501-2

00:35:48.359 --> 00:35:49.369

<v Shaw, William - FSIS>see 15.6%.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7507-0

00:35:49.439 --> 00:35:51.409

<v Shaw, William - FSIS>Of positives were quantifiable.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7569-0

00:35:53.709 --> 00:35:58.232

<v Shaw, William - FSIS>This this shows where we're we're low, low and below many</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7569-1

00:35:58.232 --> 00:36:02.755

<v Shaw, William - FSIS>most samples were below the detectable level and this was</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7569-2

00:36:02.755 --> 00:36:06.109

<v Shaw, William - FSIS>true for both rehang and postural samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7638-0
00:36:06.299 --> 00:36:11.059

<v Shaw, William - FSIS>For those that were detectable, the medium rehang value was 58</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7638-1
00:36:11.059 --> 00:36:15.895

<v Shaw, William - FSIS>CFU per mil for rehang and then 27 CFU per mile for post chills</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7638-2
00:36:15.895 --> 00:36:17.709

<v Shaw, William - FSIS>and gonna talk a little.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7715-0
00:36:18.549 --> 00:36:23.996

<v Shaw, William - FSIS>And then when we get into a serotype distribution, you see</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7715-1
00:36:23.996 --> 00:36:29.536

<v Shaw, William - FSIS>at on at rehang on the left, again post chill on the right,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7715-2
00:36:29.536 --> 00:36:35.261

<v Shaw, William - FSIS>we see at as is commonly found Kentucky followed by Infantis,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7715-3
00:36:35.261 --> 00:36:39.785

<v Shaw, William - FSIS>Tiffany, Miriam and and Schwarzenegger and enter</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7715-4
00:36:39.785 --> 00:36:40.709

<v Shaw, William - FSIS>enteritis.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7728-0
00:36:40.859 --> 00:36:45.042

<v Shaw, William - FSIS>And then for postural you see again, Kentucky and Fantis</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7728-1
00:36:45.042 --> 00:36:45.629

<v Shaw, William - FSIS>tipping.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7752-0
00:36:45.639 --> 00:36:49.485

<v Shaw, William - FSIS>Miriam, the little change with enteritis and schwarzen groomed,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7752-1
00:36:49.485 --> 00:36:51.409
<v Shaw, William - FSIS>changing, changing places there.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7755-0
00:36:56.109 --> 00:36:56.359
<v Shaw, William - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7847-0
00:36:57.249 --> 00:37:01.191
<v Shaw, William - FSIS>And then while said I I do want
to point out while the this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7847-1
00:37:01.191 --> 00:37:05.134
<v Shaw, William - FSIS>serotype distributions between
processes and steps show the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7847-2
00:37:05.134 --> 00:37:09.207
<v Shaw, William - FSIS>same overall profile, recovered
stereotypes only match 61% in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7847-3
00:37:09.207 --> 00:37:12.559
<v Shaw, William - FSIS>paired samples where both where
both are positive.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7876-0
00:37:12.569 --> 00:37:18.348
<v Shaw, William - FSIS>So it does indicate that there
are typically multiple serotypes</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7876-1
00:37:18.348 --> 00:37:21.509
<v Shaw, William - FSIS>present when samples are
positive.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7956-0
00:37:24.219 --> 00:37:28.058
<v Shaw, William - FSIS>I just wanted to do some
takeaways of of this study that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7956-1
00:37:28.058 --> 00:37:32.166
<v Shaw, William - FSIS>were really important for not
only the laboratories, but the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7956-2
00:37:32.166 --> 00:37:35.736
<v Shaw, William - FSIS>Agency we were able to evaluate
available salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7956-3

00:37:35.736 --> 00:37:39.508

<v Shaw, William - FSIS>quantification methods and incorporated method into our</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7956-4

00:37:39.508 --> 00:37:40.249

<v Shaw, William - FSIS>laboratory.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7991-0

00:37:40.439 --> 00:37:44.328

<v Shaw, William - FSIS>It was a great lessons learned to inform, you know, our ongoing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/7991-1

00:37:44.328 --> 00:37:46.699

<v Shaw, William - FSIS>method collaborations as we always do.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8045-0

00:37:48.279 --> 00:37:52.234

<v Shaw, William - FSIS>Experience with laboratory workflow and what it day-to-day</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8045-1

00:37:52.234 --> 00:37:56.257

<v Shaw, William - FSIS>data might look like, and I'm gonna talk about that in some</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8045-2

00:37:56.257 --> 00:37:57.129

<v Shaw, William - FSIS>later slides.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8077-0

00:37:57.139 --> 00:38:01.376

<v Shaw, William - FSIS>And it also informed the cost benefit analysis, aerobic count</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8077-1

00:38:01.376 --> 00:38:03.359

<v Shaw, William - FSIS>as an indicator as indicator.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8113-0

00:38:03.889 --> 00:38:07.244

<v Shaw, William - FSIS>And you know it trended with salmonella positives, but there</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8113-1

00:38:07.244 --> 00:38:08.839

<v Shaw, William - FSIS>was not a strong correlation.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8150-0

00:38:09.049 --> 00:38:13.633

<v Shaw, William - FSIS>The data showed that arova count

is the is the more appropriate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8150-1

00:38:13.633 --> 00:38:17.359

<v Shaw, William - FSIS>sanitary indicator and that that informed decision.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8190-0

00:38:19.799 --> 00:38:24.404

<v Shaw, William - FSIS>Led us to use aerobic count as as a PT that we're developing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8190-1

00:38:24.404 --> 00:38:27.349

<v Shaw, William - FSIS>for the accredited laboratory program.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8259-0

00:38:28.479 --> 00:38:32.735

<v Shaw, William - FSIS>And and this data was also used as a as as a source and risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8259-1

00:38:32.735 --> 00:38:37.340

<v Shaw, William - FSIS>assessment, we updated estimates of salmonella indicator Organism</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8259-2

00:38:37.340 --> 00:38:40.689

<v Shaw, William - FSIS>rates at rehang in the chicken risk assessment.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8290-0

00:38:40.819 --> 00:38:43.996

<v Shaw, William - FSIS>Development of a serotype concordance analysis to describe</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8290-1

00:38:43.996 --> 00:38:47.335

<v Shaw, William - FSIS>serotype mixtures within poultry product lots, which is a key</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8290-2

00:38:47.335 --> 00:38:49.489

<v Shaw, William - FSIS>component of integrating the virulence.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8306-0

00:38:49.499 --> 00:38:52.129

<v Shaw, William - FSIS>Adjusted dose response model into the risk model.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8328-0

00:38:52.219 --> 00:38:55.229

<v Shaw, William - FSIS>Then you'll hear about those in later and later talks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8393-0
00:38:55.839 --> 00:38:59.901

<v Shaw, William - FSIS>Now I want to switch gears a little bit and and talk a little</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8393-1
00:38:59.901 --> 00:39:03.964

<v Shaw, William - FSIS>bit more about what, what this, what this data looks like for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8393-2
00:39:03.964 --> 00:39:06.389

<v Shaw, William - FSIS>the proposed rule product standards.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8452-0
00:39:06.399 --> 00:39:12.080

<v Shaw, William - FSIS>I wanna remind everyone that, as proposed, that finished product</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8452-1
00:39:12.080 --> 00:39:17.587

<v Shaw, William - FSIS>standard would be greater than 10 CFU per mil or gram of total</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8452-2
00:39:17.587 --> 00:39:18.899
<v Shaw, William - FSIS>salmonella SPC.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8479-0
00:39:19.569 --> 00:39:24.117

<v Shaw, William - FSIS>That's, you know, the presence of salmonella with quantifiable</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8479-1
00:39:24.117 --> 00:39:24.839
<v Shaw, William - FSIS>levels 10.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8522-0
00:39:24.849 --> 00:39:30.129

<v Shaw, William - FSIS>See if you or higher and then and and I say and a a certain</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8522-1
00:39:30.129 --> 00:39:33.649

<v Shaw, William - FSIS>serotype of public health significance.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8571-0
00:39:33.659 --> 00:39:38.429

<v Shaw, William - FSIS>And then within the proposed

rule, you saw that for chicken</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8571-1

00:39:38.429 --> 00:39:41.609

<v Shaw, William - FSIS>from your MI4512 I minus and interitus.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8590-0

00:39:41.619 --> 00:39:44.919

<v Shaw, William - FSIS>And for Turkey Tiffin, Myriam star and moon chef.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8641-0

00:39:46.199 --> 00:39:50.184

<v Shaw, William - FSIS>So with that sort of information in our mindsets, I do wanna say</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8641-1

00:39:50.184 --> 00:39:53.679

<v Shaw, William - FSIS>the experience that we learn from the exploratory study.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8665-0

00:39:54.709 --> 00:39:59.039

<v Shaw, William - FSIS>Um, you know, help to inform a few future workflow.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8743-0

00:39:59.049 --> 00:40:04.926

<v Shaw, William - FSIS>If this were to become final and I I wanna draw your attention in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8743-1

00:40:04.926 --> 00:40:10.715

<v Shaw, William - FSIS>the interest of time to the day too, because you know, days zero</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8743-2

00:40:10.715 --> 00:40:15.079

<v Shaw, William - FSIS>samples are collected, day one is in this table.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8810-0

00:40:15.089 --> 00:40:19.214

<v Shaw, William - FSIS>On the right is one that those samples arrive at the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8810-1

00:40:19.214 --> 00:40:23.962

<v Shaw, William - FSIS>laboratory, and then on day two I wanna show where you know,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8810-2

00:40:23.962 --> 00:40:27.309

<v Shaw, William - FSIS>after we we will sort of like plan to you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8925-0
00:40:27.409 --> 00:40:31.946

<v Shaw, William - FSIS>You know, we would do our normal enrichment of our of our sample</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8925-1
00:40:31.946 --> 00:40:36.344

<v Shaw, William - FSIS>for detection and then hold off a aliquot and then on that day</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8925-2
00:40:36.344 --> 00:40:40.533

<v Shaw, William - FSIS>too, we would be able to do the qualitative screen that the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8925-3
00:40:40.533 --> 00:40:44.931

<v Shaw, William - FSIS>rapid serotype screen that we've been working on and then that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8925-4
00:40:44.931 --> 00:40:49.399

<v Shaw, William - FSIS>quantitative screen on that day to put out presumptive results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8973-0
00:40:49.409 --> 00:40:55.061

<v Shaw, William - FSIS>So folks would know where, where their sample is heading and then</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/8973-1
00:40:55.061 --> 00:40:58.829

<v Shaw, William - FSIS>we move into our typical confirmations and.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9010-0
00:41:00.689 --> 00:41:04.164

<v Shaw, William - FSIS>In the in the subsequent days and so that's I think that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9010-1
00:41:04.164 --> 00:41:06.299

<v Shaw, William - FSIS>that's the important part of that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9041-0
00:41:06.829 --> 00:41:12.826

<v Shaw, William - FSIS>This slide is is we do plan to and we you get that information</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9041-1

00:41:12.826 --> 00:41:13.969

<v Shaw, William - FSIS>on date you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9087-0

00:41:15.839 --> 00:41:19.964

<v Shaw, William - FSIS>Expanding quantity, we did expand quantification to from</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9087-1

00:41:19.964 --> 00:41:24.089

<v Shaw, William - FSIS>from rinse aids to also accommodated chicken and Turkey.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9106-0

00:41:24.679 --> 00:41:28.879

<v Shaw, William - FSIS>This data generating an early picture of what of what?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9114-0

00:41:28.889 --> 00:41:30.209

<v Shaw, William - FSIS>The standard may look like.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9168-0

00:41:33.229 --> 00:41:37.199

<v Shaw, William - FSIS>And then and then and then in these next two slides, you see</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9168-1

00:41:37.199 --> 00:41:41.039

<v Shaw, William - FSIS>sort of like based on the data that generated by the labs.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9172-0

00:41:41.049 --> 00:41:41.519

<v Shaw, William - FSIS>What?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9216-0

00:41:41.609 --> 00:41:45.421

<v Shaw, William - FSIS>What a standard might look like, I would draw your attention to,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9216-1

00:41:45.421 --> 00:41:48.119

<v Shaw, William - FSIS>you know, in this first one the carcass data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9264-0

00:41:48.249 --> 00:41:54.161

<v Shaw, William - FSIS>Looking at that 4.9% positive rate and then down, when you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9264-1

00:41:54.161 --> 00:42:00.174

<v Shaw, William - FSIS>look at those samples at greater

than 10 with a serotype of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9264-2

00:42:00.174 --> 00:42:02.179

<v Shaw, William - FSIS>significance at .2%.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9278-0

00:42:02.309 --> 00:42:04.579

<v Shaw, William - FSIS>And then also in part the same thing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9314-0

00:42:04.649 --> 00:42:10.381

<v Shaw, William - FSIS>Overall, 7.7% positive rate for salmonella, but when you look at</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9314-1

00:42:10.381 --> 00:42:15.408

<v Shaw, William - FSIS>a potential standard of greater than 10 antisera type of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9314-2

00:42:15.408 --> 00:42:17.789

<v Shaw, William - FSIS>significance, we're at .4%.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9408-0

00:42:20.379 --> 00:42:24.205

<v Shaw, William - FSIS>And then looking at the comminuted chicken and Turkey,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9408-1

00:42:24.205 --> 00:42:28.241

<v Shaw, William - FSIS>you see that trend continuing with at the 10 plus and the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9408-2

00:42:28.241 --> 00:42:32.624

<v Shaw, William - FSIS>serotype of significance at .2% and then commonly to Turkey at</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9408-3

00:42:32.624 --> 00:42:36.729

<v Shaw, William - FSIS>the 10 plus and serotype of significance at that point 1%.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9506-0

00:42:40.009 --> 00:42:46.029

<v Shaw, William - FSIS>And then as in, we talked about the distribution of Sarah types</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9506-1

00:42:46.029 --> 00:42:51.391

<v Shaw, William - FSIS>and and and for all poultry and FY20 23, we see you know</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9506-2
00:42:51.391 --> 00:42:57.506
<v Shaw, William - FSIS>Kentucky and Infantis in in raw
chicken with enteritis in as the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9506-3
00:42:57.506 --> 00:42:58.259
<v Shaw, William - FSIS>leaders.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9519-0
00:42:58.509 --> 00:43:03.427
<v Shaw, William - FSIS>And then on the Turkey side, you
see Redding, Hadar and Fantis</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9519-1
00:43:03.427 --> 00:43:04.989
<v Shaw, William - FSIS>Schwarzenegger room.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9539-0
00:43:08.199 --> 00:43:10.809
<v Shaw, William - FSIS>And then so some conclusions for
our study.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9601-0
00:43:11.179 --> 00:43:15.058
<v Shaw, William - FSIS>It really did help inform a
potential verification sampling</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9601-1
00:43:15.058 --> 00:43:19.066
<v Shaw, William - FSIS>program based on our current
FSIS methodologies, we were able</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9601-2
00:43:19.066 --> 00:43:22.299
<v Shaw, William - FSIS>to bring in a quantita rapid
quantification method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9665-0
00:43:22.379 --> 00:43:26.542
<v Shaw, William - FSIS>We did sort of work on
laboratory workflows and data</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9665-1
00:43:26.542 --> 00:43:31.178
<v Shaw, William - FSIS>and and and be able to show
those data trends and the data</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9665-2
00:43:31.178 --> 00:43:35.499
<v Shaw, William - FSIS>generated was directly in into
the proposed framework.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9704-0
00:43:35.509 --> 00:43:40.190
<v Shaw, William - FSIS>The cost benefit analysis and
the risk assessments that you'll</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9704-1
00:43:40.190 --> 00:43:42.569
<v Shaw, William - FSIS>hear hear about this experience.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9722-0
00:43:42.579 --> 00:43:45.179
<v Shaw, William - FSIS>It informs our ongoing method
development, Catholic</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9722-1
00:43:45.179 --> 00:43:45.929
<v Shaw, William - FSIS>collaborations.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9812-0
00:43:45.939 --> 00:43:50.304
<v Shaw, William - FSIS>We're always working on on our
methods and improving our</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9812-1
00:43:50.304 --> 00:43:54.899
<v Shaw, William - FSIS>methods and and we've been
working how we would incorporate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9812-2
00:43:54.899 --> 00:43:59.647
<v Shaw, William - FSIS>a rapid serotype screen and then
and then there are, you know</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9812-3
00:43:59.647 --> 00:44:03.400
<v Shaw, William - FSIS>multiple salmonella quant
methods that are under</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9812-4
00:44:03.400 --> 00:44:04.319
<v Shaw, William - FSIS>development.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9883-0
00:44:04.329 --> 00:44:09.354
<v Shaw, William - FSIS>There's a lot of energy in the
research community right now and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9883-1
00:44:09.354 --> 00:44:14.065
<v Shaw, William - FSIS>and then with that I I'm gonna
end, you know, make a make a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9883-2
00:44:14.065 --> 00:44:18.149

<v Shaw, William - FSIS>comment to the framework,
propose rule at rags.gov.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9894-0

00:44:18.199 --> 00:44:21.039

<v Shaw, William - FSIS>And I'm gonna hand it back to
kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9900-0

00:44:23.089 --> 00:44:23.729

<v Robertson Hale, Kis - FSIS>Thank you, bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9943-0

00:44:25.789 --> 00:44:29.700

<v Robertson Hale, Kis - FSIS>OK, we are a little bit ahead of
schedule, but we'll just move</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9943-1

00:44:29.700 --> 00:44:32.929

<v Robertson Hale, Kis - FSIS>along our agenda to the question
and answer period.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9948-0

00:44:34.579 --> 00:44:34.959

<v Robertson Hale, Kis - FSIS>Umm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9988-0

00:44:36.039 --> 00:44:41.486

<v Robertson Hale, Kis - FSIS>So recall that you, as Bill just
pointed out, we do have a a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/9988-1

00:44:41.486 --> 00:44:44.969

<v Robertson Hale, Kis - FSIS>formal process for accepting
comments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10011-0

00:44:44.979 --> 00:44:49.789

<v Robertson Hale, Kis - FSIS>We will not be taking comments
today, so be mindful of that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10042-0

00:44:49.979 --> 00:44:55.279

<v Robertson Hale, Kis - FSIS>But you can always submit a
comment to the the portal.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10143-0

00:44:56.839 --> 00:45:00.872

<v Robertson Hale, Kis - FSIS>I following the the the link
that's in the Register Federal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10143-1

00:45:00.872 --> 00:45:05.107

<v Robertson Hale, Kis - FSIS>Register document and remember

comments need to be received by</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10143-2

00:45:05.107 --> 00:45:09.207

<v Robertson Hale, Kis - FSIS>November 7th helping me today with the questions is Kimberly</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10143-3

00:45:09.207 --> 00:45:13.173

<v Robertson Hale, Kis - FSIS>Kelly, who's the internal communications specialist within</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10143-4

00:45:13.173 --> 00:45:16.669

<v Robertson Hale, Kis - FSIS>the Office of Public Affairs in Consumer Education.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10177-0

00:45:17.559 --> 00:45:21.781

<v Robertson Hale, Kis - FSIS>I will point it to you, Kelly, to explain how our attendees can</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10177-1

00:45:21.781 --> 00:45:23.509

<v Robertson Hale, Kis - FSIS>participate in the Q&A.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10182-0

00:45:24.979 --> 00:45:25.969

<v Kelley, Kimberly - FSIS>Sure.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10189-0

00:45:25.979 --> 00:45:26.599

<v Kelley, Kimberly - FSIS>Thanks so much.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10193-0

00:45:26.609 --> 00:45:27.049

<v Kelley, Kimberly - FSIS>Kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10272-0

00:45:27.579 --> 00:45:32.308

<v Kelley, Kimberly - FSIS>Alright, so we do have a few ways that you can ask a question</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10272-1

00:45:32.308 --> 00:45:36.884

<v Kelley, Kimberly - FSIS>for those using the teams app, you can press the raise your</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10272-2

00:45:36.884 --> 00:45:41.613

<v Kelley, Kimberly - FSIS>hand feature and that will enter you in the queue and we will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10272-3

00:45:41.613 --> 00:45:42.529

<v Kelley, Kimberly - FSIS>call on you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10340-0

00:45:43.339 --> 00:45:47.537

<v Kelley, Kimberly - FSIS>2nd, If you would like to type in your question, you could do</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10340-1

00:45:47.537 --> 00:45:51.803

<v Kelley, Kimberly - FSIS>that in the chat box and we are happy to read that off for you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10340-2

00:45:51.803 --> 00:45:54.309

<v Kelley, Kimberly - FSIS>and for those that are on the phone.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10424-0

00:45:54.399 --> 00:45:58.452

<v Kelley, Kimberly - FSIS>If you would like to raise your hand, you can press *5 to enter</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10424-1

00:45:58.452 --> 00:46:02.442

<v Kelley, Kimberly - FSIS>into the Q and we will call on you by announcing the last four</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10424-2

00:46:02.442 --> 00:46:06.432

<v Kelley, Kimberly - FSIS>digits of your phone and then give you further instructions on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10424-3

00:46:06.432 --> 00:46:07.319

<v Kelley, Kimberly - FSIS>how to unmute.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10428-0

00:46:10.739 --> 00:46:11.659

<v Robertson Hale, Kis - FSIS>OK, great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10437-0

00:46:14.649 --> 00:46:16.579

<v Robertson Hale, Kis - FSIS>So so please feel.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10449-0

00:46:18.719 --> 00:46:20.169

<v Robertson Hale, Kis - FSIS>Empowered to ask questions now.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10487-0

00:46:30.329 --> 00:46:35.180

<v Kelley, Kimberly - FSIS>All right, kiss at this time, I do not see any questions in the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10487-1

00:46:35.180 --> 00:46:35.559

<v Kelley, Kimberly - FSIS>chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10508-0

00:46:35.609 --> 00:46:39.739

<v Kelley, Kimberly - FSIS>I do see that Fernando has put in a thank you so much.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10520-0

00:46:39.789 --> 00:46:41.029

<v Kelley, Kimberly - FSIS>OK, they're coming in.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10526-0

00:46:41.109 --> 00:46:41.399

<v Kelley, Kimberly - FSIS>All right.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10534-0

00:46:42.279 --> 00:46:43.339

<v Kelley, Kimberly - FSIS>I'll turn it back to you kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10544-0

00:46:45.169 --> 00:46:46.839

<v Robertson Hale, Kis - FSIS>OK, so I see.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10552-0

00:46:46.889 --> 00:46:47.169

<v Robertson Hale, Kis - FSIS>Uh.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10566-0

00:46:47.179 --> 00:46:50.409

<v Robertson Hale, Kis - FSIS>One question from Scott still.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10570-0

00:46:50.419 --> 00:46:50.889

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10593-0

00:46:51.019 --> 00:46:54.972

<v Robertson Hale, Kis - FSIS>What proportion of screening samples failed to predict the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10593-1

00:46:54.972 --> 00:46:57.049

<v Robertson Hale, Kis - FSIS>confirmation analytics results?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10616-0

00:46:58.179 --> 00:47:02.809

<v Robertson Hale, Kis - FSIS>How confident should industry be and date to results?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10632-0

00:47:04.069 --> 00:47:08.219

<v Robertson Hale, Kis - FSIS>Um so so this is a question for

you, Bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10657-0

00:47:14.269 --> 00:47:17.991

<v Shaw, William - FSIS>And what proportion of screening samples failed to predict the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10657-1

00:47:17.991 --> 00:47:18.759

<v Shaw, William - FSIS>confirmation?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10689-0

00:47:24.049 --> 00:47:28.919

<v Shaw, William - FSIS>So is there any way that Scott can like I to?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10723-0

00:47:28.929 --> 00:47:32.849

<v Shaw, William - FSIS>To be honest with the, since this is a lot longitudinal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10723-1

00:47:32.849 --> 00:47:35.439

<v Shaw, William - FSIS>study, we were using actual samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10743-0

00:47:35.449 --> 00:47:37.789

<v Shaw, William - FSIS>They were not inoculated samples, so I.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10793-0

00:47:37.829 --> 00:47:42.746

<v Shaw, William - FSIS>So I think I need a little bit more help as to the discussing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10793-1

00:47:42.746 --> 00:47:47.345

<v Shaw, William - FSIS>failed failed because because these were actual real life</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10793-2

00:47:47.345 --> 00:47:49.249

<v Shaw, William - FSIS>samples, not inoculated.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10817-0

00:47:49.259 --> 00:47:54.915

<v Shaw, William - FSIS>So so really the wouldn't necessarily be a failed um</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10817-1

00:47:54.915 --> 00:47:56.409

<v Shaw, William - FSIS>quotient here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10821-0

00:48:00.569 --> 00:48:00.959

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10834-0

00:48:01.299 --> 00:48:02.839

<v Robertson Hale, Kis - FSIS>Thank you for that response, Bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10924-0

00:48:03.429 --> 00:48:08.157

<v Robertson Hale, Kis - FSIS>We'll move to the the next question in the event product is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10924-1

00:48:08.157 --> 00:48:12.491

<v Robertson Hale, Kis - FSIS>positive at the A greater than 10 CFU level and with a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10924-2

00:48:12.491 --> 00:48:17.141

<v Robertson Hale, Kis - FSIS>significant serotype, what are the anticipated options per</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/10924-3

00:48:17.141 --> 00:48:21.239

<v Robertson Hale, Kis - FSIS>product disposition, destruction, cooking or other?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11020-0

00:48:22.509 --> 00:48:27.618

<v Robertson Hale, Kis - FSIS>I'm assuming this question is also for for Bill, but this I I</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11020-1

00:48:27.618 --> 00:48:32.727

<v Robertson Hale, Kis - FSIS>can just step in and say that this this question is is beyond</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11020-2

00:48:32.727 --> 00:48:37.754

<v Robertson Hale, Kis - FSIS>the the scope of this of this webinar, we're focusing on the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11020-3

00:48:37.754 --> 00:48:42.039

<v Robertson Hale, Kis - FSIS>technical analysis, not on risk management options.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11050-0

00:48:42.089 --> 00:48:47.303

<v Robertson Hale, Kis - FSIS>So but but this is a great question or comment to submit to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11050-1
00:48:47.303 --> 00:48:49.389
<v Robertson Hale, Kis - FSIS>the E rulemaking portal.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11067-0
00:48:51.929 --> 00:48:53.209
<v Robertson Hale, Kis - FSIS>So we'll proceed.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11102-0
00:48:53.709 --> 00:48:56.840
<v Robertson Hale, Kis - FSIS>Unless there's another question that we could get into technical</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11102-1
00:48:56.840 --> 00:48:59.779
<v Robertson Hale, Kis - FSIS>on a technical level, we'll we'll move to the next question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11115-0
00:49:01.029 --> 00:49:02.439
<v Robertson Hale, Kis - FSIS>I'm in this one is also for Bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11130-0
00:49:04.239 --> 00:49:07.229
<v Robertson Hale, Kis - FSIS>Pete, please clarify greater than 10.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11167-0
00:49:07.239 --> 00:49:11.184
<v Robertson Hale, Kis - FSIS>See if you program and a serotype of significance does</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11167-1
00:49:11.184 --> 00:49:15.129
<v Robertson Hale, Kis - FSIS>this mean a serotype of significance must be above 10?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11197-0
00:49:15.439 --> 00:49:20.169
<v Robertson Hale, Kis - FSIS>See if you program to be considered adulterated or any</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11197-1
00:49:20.169 --> 00:49:21.029
<v Robertson Hale, Kis - FSIS>level CFU.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11201-0
00:49:21.359 --> 00:49:21.709
<v Robertson Hale, Kis - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11222-0
00:49:23.189 --> 00:49:27.659
<v Shaw, William - FSIS>So Yolanda, it's great to great

to hear from you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11232-0

00:49:28.339 --> 00:49:28.979

<v Shaw, William - FSIS>It's the.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11236-0

00:49:28.989 --> 00:49:29.819

<v Shaw, William - FSIS>It's the latter.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11261-0

00:49:29.829 --> 00:49:34.359

<v Shaw, William - FSIS>So so the so as proposed, the standard is greater than 10.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11327-0

00:49:34.369 --> 00:49:39.330

<v Shaw, William - FSIS>So if you per gram of salmonella species generic salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11327-1

00:49:39.330 --> 00:49:44.457

<v Shaw, William - FSIS>account and then and a detection of one of one or more of the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11327-2

00:49:44.457 --> 00:49:48.344

<v Shaw, William - FSIS>three serotypes of of significant human health</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11327-3

00:49:48.344 --> 00:49:49.419

<v Shaw, William - FSIS>significance.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11331-0

00:49:54.569 --> 00:49:54.959

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11354-0

00:49:55.669 --> 00:49:59.929

<v Robertson Hale, Kis - FSIS>And a pause and see if there's any questions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11389-0

00:50:00.099 --> 00:50:02.958

<v Robertson Hale, Kis - FSIS>I don't see any hands raised, so I'll just continue on the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11389-1

00:50:02.958 --> 00:50:04.509

<v Robertson Hale, Kis - FSIS>reading questions from the chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11398-0

00:50:04.599 --> 00:50:07.349

<v Robertson Hale, Kis - FSIS>Unless Kimberly, there's any hands raised.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11408-0
00:50:07.359 --> 00:50:08.889

<v Robertson Hale, Kis - FSIS>So just let me know.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11415-0
00:50:08.959 --> 00:50:09.099

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11428-0
00:50:09.829 --> 00:50:12.829

<v Robertson Hale, Kis - FSIS>I'm so the next question in the chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11452-0
00:50:12.909 --> 00:50:16.499

<v Robertson Hale, Kis - FSIS>What is the rapid zero type screen methodology that FSIS is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11452-1
00:50:16.499 --> 00:50:16.859

<v Robertson Hale, Kis - FSIS>using?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11457-0
00:50:17.229 --> 00:50:18.059

<v Robertson Hale, Kis - FSIS>Or evaluating.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11562-0
00:50:19.799 --> 00:50:24.818

<v Shaw, William - FSIS>So for rapid serotype screen methodology, you'll probably saw</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11562-1
00:50:24.818 --> 00:50:29.757

<v Shaw, William - FSIS>in a constituent update this summer that after a procurement</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11562-2
00:50:29.757 --> 00:50:35.019

<v Shaw, William - FSIS>evaluation that we went through in the laboratories, there was a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11562-3
00:50:35.019 --> 00:50:39.715

<v Shaw, William - FSIS>contract awarded to Neogen Corporation for our salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11562-4
00:50:39.715 --> 00:50:43.359

<v Shaw, William - FSIS>detection, which include the rapid serotype.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11569-0

00:50:46.919 --> 00:50:47.329

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11583-0

00:50:47.319 --> 00:50:48.349

<v Shaw, William - FSIS>And then and then kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11593-0

00:50:47.399 --> 00:50:47.839

<v Robertson Hale, Kis - FSIS>Thanks bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11605-0

00:50:48.359 --> 00:50:50.409

<v Shaw, William - FSIS>Do you also want me to do the the?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11644-0

00:50:50.999 --> 00:50:54.682

<v Shaw, William - FSIS>What is the quantification method that we use so and then</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11630-0

00:50:52.969 --> 00:50:55.309

<v Robertson Hale, Kis - FSIS>Yes, yes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11644-1

00:50:54.682 --> 00:50:55.889

<v Shaw, William - FSIS>the quantification?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11652-0

00:50:55.519 --> 00:50:57.199

<v Robertson Hale, Kis - FSIS>Can you read the question just for the record?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11657-0

00:50:57.799 --> 00:50:58.709

<v Shaw, William - FSIS>Oh, good.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11685-0

00:50:58.779 --> 00:51:01.523

<v Shaw, William - FSIS>It was mentioned that a salmonella quantification method</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11685-1

00:51:01.523 --> 00:51:03.209

<v Shaw, William - FSIS>was incorporated in the FSI's lab.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11700-0

00:51:03.219 --> 00:51:05.149

<v Shaw, William - FSIS>Is it possible to know which method?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11760-0
00:51:05.339 --> 00:51:10.644
<v Shaw, William - FSIS>And yes, Delphine, so that
method is described in chapter</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11760-1
00:51:10.644 --> 00:51:15.949
<v Shaw, William - FSIS>four of our samla detection and
quantification laboratory</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11760-2
00:51:15.949 --> 00:51:20.889
<v Shaw, William - FSIS>guidebook chapter and it is the
bio maryu I a method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11769-0
00:51:25.239 --> 00:51:25.489
<v Robertson Hale, Kis - FSIS>Right.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11800-0
00:51:25.499 --> 00:51:29.612
<v Robertson Hale, Kis - FSIS>So I will pause here and go
return to an earlier question</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11800-1
00:51:29.612 --> 00:51:32.449
<v Robertson Hale, Kis - FSIS>that um made made reference to
options.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11870-0
00:51:35.269 --> 00:51:40.211
<v Robertson Hale, Kis - FSIS>For a product disposition in the
event of a positive above 10 CFU</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11870-1
00:51:40.211 --> 00:51:45.078
<v Robertson Hale, Kis - FSIS>and a significant serotype, I'll
see if Rachel Edelstein or head</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11870-2
00:51:45.078 --> 00:51:48.149
<v Robertson Hale, Kis - FSIS>of our policy office wants to
take that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11950-0
00:51:50.199 --> 00:51:54.306
<v Edelstein, Rachel - FSIS>Yeah, this is thanks cause this
is something we addressed in the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11950-1
00:51:54.306 --> 00:51:58.161
<v Edelstein, Rachel - FSIS>proposed rule we said in that
situation the product could go</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11950-2

00:51:58.161 --> 00:52:01.762

<v Edelstein, Rachel - FSIS>for cooking, but we welcome
comments on that like Doctor</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11950-3

00:52:01.762 --> 00:52:03.469

<v Edelstein, Rachel - FSIS>Robinson Hale said. Thanks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11952-0

00:52:04.479 --> 00:52:04.839

<v Robertson Hale, Kis - FSIS>Thanks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11959-0

00:52:11.729 --> 00:52:12.199

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11996-0

00:52:12.269 --> 00:52:17.130

<v Robertson Hale, Kis - FSIS>Bill, you have another question,
can you further characterized</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11996-1

00:52:17.130 --> 00:52:21.220

<v Robertson Hale, Kis - FSIS>the correlation FSIS found
between aerobic count and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/11996-2

00:52:21.220 --> 00:52:22.069

<v Robertson Hale, Kis - FSIS>salmonella?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12024-0

00:52:26.769 --> 00:52:31.790

<v Shaw, William - FSIS>Let's see that I I think the
what I can further characterize</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12024-1

00:52:31.790 --> 00:52:32.449

<v Shaw, William - FSIS>is that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12077-0

00:52:34.869 --> 00:52:41.592

<v Shaw, William - FSIS>Salmonella positive samples also
trended that aerobic counts</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12077-1

00:52:41.592 --> 00:52:48.315

<v Shaw, William - FSIS>would be higher and it was most
significant in in low volume</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12077-2

00:52:48.315 --> 00:52:49.969

<v Shaw, William - FSIS>establishments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12128-0

00:52:49.979 --> 00:52:55.542

<v Shaw, William - FSIS>As you saw in that slide where the higher aerobic count numbers</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12128-1

00:52:55.542 --> 00:53:00.672

<v Shaw, William - FSIS>correlated with salmonella posit, we were not able to find</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12128-2

00:53:00.672 --> 00:53:01.889

<v Shaw, William - FSIS>a traditional.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12194-0

00:53:04.289 --> 00:53:09.362

<v Shaw, William - FSIS>Statistical correlation between the two, which that has been</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12194-1

00:53:09.362 --> 00:53:14.602

<v Shaw, William - FSIS>commonly on, commonly tried in many laboratory studies through</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12194-2

00:53:14.602 --> 00:53:19.177

<v Shaw, William - FSIS>the years um and that's I think that's about as far as</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12194-3

00:53:19.177 --> 00:53:21.589

<v Shaw, William - FSIS>characterization as I can go.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12200-0

00:53:25.999 --> 00:53:26.719

<v Robertson Hale, Kis - FSIS>OK, great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12208-0

00:53:26.729 --> 00:53:27.289

<v Robertson Hale, Kis - FSIS>Thank you though.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12224-0

00:53:28.559 --> 00:53:31.529

<v Robertson Hale, Kis - FSIS>Or you have another question as follow up.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12274-0

00:53:31.539 --> 00:53:35.803

<v Robertson Hale, Kis - FSIS>Should members of the industry be absolutely confident in the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12274-1

00:53:35.803 --> 00:53:40.136

<v Robertson Hale, Kis - FSIS>screening results as a basis for

a product or products hold or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12274-2

00:53:40.136 --> 00:53:41.649

<v Robertson Hale, Kis - FSIS>release determination?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12385-0

00:53:41.699 --> 00:53:45.469

<v Robertson Hale, Kis - FSIS>What was the frequency of screening enumeration in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12385-1

00:53:45.469 --> 00:53:50.276

<v Robertson Hale, Kis - FSIS>serotyping one day, 2 for Day 2 results that indicated in quotes</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12385-2

00:53:50.276 --> 00:53:53.899

<v Robertson Hale, Kis - FSIS>that sample would return acceptable results when</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12385-3

00:53:53.899 --> 00:53:58.335

<v Robertson Hale, Kis - FSIS>screening results actually fail to accurately predict final</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12385-4

00:53:58.335 --> 00:54:02.919

<v Robertson Hale, Kis - FSIS>analytical confirmation results and the subset and the sample</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12385-5

00:54:02.919 --> 00:54:06.099

<v Robertson Hale, Kis - FSIS>was subsequently found to be unacceptable.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12413-0

00:54:08.559 --> 00:54:11.619

<v Robertson Hale, Kis - FSIS>Um, Bill, I don't know if you're you're able to track that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12419-0

00:54:12.819 --> 00:54:14.829

<v Robertson Hale, Kis - FSIS>That question being asked.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12431-0

00:54:17.309 --> 00:54:18.979

<v Shaw, William - FSIS>Yeah, I I I'm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12577-0

00:54:18.989 --> 00:54:24.881

<v Shaw, William - FSIS>I'm reading it and and the you know in the in the time allotted</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12577-1

00:54:24.881 --> 00:54:30.589

<v Shaw, William - FSIS>right now the the best that I
can say is that in that in that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12577-2

00:54:30.589 --> 00:54:36.389

<v Shaw, William - FSIS>slide where I talked about our
findings of salmonella positive</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12577-3

00:54:36.389 --> 00:54:41.545

<v Shaw, William - FSIS>with salmonella quantification,
we did find that in the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12577-4

00:54:41.545 --> 00:54:47.529

<v Shaw, William - FSIS>carcasses .2% of of samples were
found to be above 10 and with a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12577-5

00:54:47.529 --> 00:54:51.949

<v Shaw, William - FSIS>serotype of human of human
health significance.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12580-0

00:54:52.219 --> 00:54:53.079

<v Shaw, William - FSIS>So I.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12650-0

00:54:55.629 --> 00:54:59.564

<v Shaw, William - FSIS>So I would say the best that I
can do right now is that our</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12650-1

00:54:59.564 --> 00:55:03.696

<v Shaw, William - FSIS>study found that .2% of samples
at the carcass, Ava would have</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12650-2

00:55:03.696 --> 00:55:06.779

<v Shaw, William - FSIS>been, would have been positive
and and failed.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12661-0

00:55:06.789 --> 00:55:09.579

<v Shaw, William - FSIS>The in essence failed the
proposed standard.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12688-0

00:55:11.489 --> 00:55:17.949

<v Robertson Hale, Kis - FSIS>So, um Scott, if I might suggest
maybe asking this question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12774-0

00:55:18.439 --> 00:55:23.057

<v Robertson Hale, Kis - FSIS>Um at the at the webinar tomorrow we will have the risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12774-1

00:55:23.057 --> 00:55:28.253

<v Robertson Hale, Kis - FSIS>assessment, but that is behind the the framework will be going</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12774-2

00:55:28.253 --> 00:55:33.450

<v Robertson Hale, Kis - FSIS>into depth on that and and your question may be addressed when</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12774-3

00:55:33.450 --> 00:55:37.079

<v Robertson Hale, Kis - FSIS>we walk through the data on one one levels.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12790-0

00:55:55.699 --> 00:55:56.769

<v Robertson Hale, Kis - FSIS>And you're welcome, Scott.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12796-0

00:55:56.809 --> 00:55:57.189

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12810-0

00:55:57.199 --> 00:55:59.249

<v Robertson Hale, Kis - FSIS>So Angie Siemens has a question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12887-0

00:55:59.559 --> 00:56:04.306

<v Robertson Hale, Kis - FSIS>If you have two distinct populations as presented, AC,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12887-1

00:56:04.306 --> 00:56:09.658

<v Robertson Hale, Kis - FSIS>salmonella and low and and low versus high volume, how do</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12887-2

00:56:09.658 --> 00:56:14.406

<v Robertson Hale, Kis - FSIS>you support that the data was combined to complete the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12887-3

00:56:14.406 --> 00:56:18.809

<v Robertson Hale, Kis - FSIS>analysis bill, I I think this question is for you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12957-0

00:56:21.859 --> 00:56:25.753

<v Robertson Hale, Kis - FSIS>And I'm wondering also if this question might be appropriate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12957-1
00:56:25.753 --> 00:56:29.457

<v Robertson Hale, Kis - FSIS>for tomorrow when we we talk in depth about, um, the risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12957-2
00:56:29.457 --> 00:56:33.479

<v Robertson Hale, Kis - FSIS>assessments, but feel free to to weigh in on, on this one too,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12957-3
00:56:33.479 --> 00:56:33.799

<v Robertson Hale, Kis - FSIS>bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/12962-0
00:56:34.899 --> 00:56:35.529

<v Shaw, William - FSIS>Yeah.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13064-0
00:56:35.699 --> 00:56:40.739

<v Shaw, William - FSIS>So so I think that the Angie, hi, I think that this goes back</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13064-1
00:56:40.739 --> 00:56:45.941

<v Shaw, William - FSIS>to the overall design of of the of the project it you know this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13064-2
00:56:45.941 --> 00:56:51.144

<v Shaw, William - FSIS>this project was designed to to look at the industry as a whole</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13064-3
00:56:51.144 --> 00:56:55.940

<v Shaw, William - FSIS>that we regulate which which consists of both high and low</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13064-4
00:56:55.940 --> 00:56:57.729

<v Shaw, William - FSIS>volume establishments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13092-0
00:56:57.739 --> 00:57:03.661

<v Shaw, William - FSIS>And so this was just a breakdown of that of that higher level</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13092-1
00:57:03.661 --> 00:57:04.139

<v Shaw, William - FSIS>data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13140-0

00:57:04.249 --> 00:57:09.328

<v Shaw, William - FSIS>So so I'm not exactly sure the because the goal of the study</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13140-1

00:57:09.328 --> 00:57:12.909

<v Shaw, William - FSIS>was to look at at the industry as a whole.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13181-0

00:57:12.919 --> 00:57:17.643

<v Shaw, William - FSIS>So that that's why the whole analysis is is together and then</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13181-1

00:57:17.643 --> 00:57:21.529

<v Shaw, William - FSIS>we just broke it down for for discussion purposes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13186-0

00:57:26.709 --> 00:57:27.109

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13190-0

00:57:27.959 --> 00:57:28.629

<v Robertson Hale, Kis - FSIS>Thanks, Phil.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13222-0

00:57:29.299 --> 00:57:34.519

<v Robertson Hale, Kis - FSIS>So I I just was told we might have skipped over questions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13238-0

00:57:34.529 --> 00:57:37.089

<v Robertson Hale, Kis - FSIS>So thank you, Kimberly, for flagging this out.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13267-0

00:57:37.699 --> 00:57:40.809

<v Robertson Hale, Kis - FSIS>It was asked earlier and this is a question for you, Bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13319-0

00:57:41.179 --> 00:57:45.008

<v Robertson Hale, Kis - FSIS>What is the estimated time to results for samples that are</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13319-1

00:57:45.008 --> 00:57:49.226

<v Robertson Hale, Kis - FSIS>positive for salmonella type for Miriam to differentiate between</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13319-2

00:57:49.226 --> 00:57:51.109

<v Robertson Hale, Kis - FSIS>vaccine strain and wild type?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13334-0

00:57:54.179 --> 00:57:57.469

<v Shaw, William - FSIS>So for that, so I I will say for.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13377-0

00:58:05.309 --> 00:58:11.027

<v Shaw, William - FSIS>So so in our in our model, we would we would be showing at</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13377-1

00:58:11.027 --> 00:58:15.389

<v Shaw, William - FSIS>that day too, because this is a fast screen.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13410-0

00:58:15.399 --> 00:58:21.105

<v Shaw, William - FSIS>So we would be showing those samples that that would test</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13410-1

00:58:21.105 --> 00:58:23.959

<v Shaw, William - FSIS>positive for for TIFF Miriam.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13416-0

00:58:26.679 --> 00:58:27.409

<v Shaw, William - FSIS>And it is.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13503-0

00:58:29.359 --> 00:58:33.440

<v Shaw, William - FSIS>I I think actually I'm gonna have to sort of go back and and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13503-1

00:58:33.440 --> 00:58:37.454

<v Shaw, William - FSIS>sort of, you know, get gather some more information on that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13503-2

00:58:37.454 --> 00:58:41.803

<v Shaw, William - FSIS>because because I haven't really looked at in depth of the rapid</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13503-3

00:58:41.803 --> 00:58:45.349

<v Shaw, William - FSIS>screen and how it interacts with the vaccine strain.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13507-0

00:58:49.929 --> 00:58:50.339

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13511-0
00:58:50.349 --> 00:58:50.949
<v Robertson Hale, Kis - FSIS>Thank you, bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13540-0
00:58:53.349 --> 00:58:56.699
<v Kelley, Kimberly - FSIS>Alright, cause it does look like
that we have a hand raised.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13559-0
00:58:57.349 --> 00:59:00.519
<v Kelley, Kimberly - FSIS>Ashley Peterson, we see that
your hand is raised.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13583-0
00:59:00.529 --> 00:59:03.979
<v Kelley, Kimberly - FSIS>Let me allow your mic and your
camera.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13604-0
00:59:04.049 --> 00:59:08.679
<v Kelley, Kimberly - FSIS>You'd like to turn that on, and
you're unmuted on our end.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13614-0
00:59:08.689 --> 00:59:09.499
<v Kelley, Kimberly - FSIS>You may need a minute.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13630-0
00:59:09.509 --> 00:59:11.059
<v Kelley, Kimberly - FSIS>OK, I see that you're unmuted.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13643-0
00:59:11.069 --> 00:59:11.779
<v Kelley, Kimberly - FSIS>Go ahead, Ashley.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13638-0
00:59:12.269 --> 00:59:12.889
<v Ashley Peterson>Awesome.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13648-0
00:59:12.939 --> 00:59:13.859
<v Ashley Peterson>And thanks, bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13654-0
00:59:13.869 --> 00:59:14.659
<v Ashley Peterson>I appreciate that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13762-0
00:59:14.669 --> 00:59:18.625
<v Ashley Peterson>I I think as part of some of the
language and the proposal, it</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13762-1
00:59:18.625 --> 00:59:22.394

<v Ashley Peterson>talks about 14 to 21 days for whole genome sequence results</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13762-2
00:59:22.394 --> 00:59:26.351

<v Ashley Peterson>and I just wasn't sure if the agency was going to have to rely</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13762-3
00:59:26.351 --> 00:59:29.303

<v Ashley Peterson>on whole genome sequencing results in order to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13762-4
00:59:29.303 --> 00:59:32.569

<v Ashley Peterson>differentiate between vaccine strain and wild type.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13795-0
00:59:37.589 --> 00:59:40.410

<v Ashley Peterson>And I have another I have two other questions, if you if you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13795-1
00:59:40.410 --> 00:59:40.919

<v Ashley Peterson>don't mind.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13868-0
00:59:41.379 --> 00:59:46.481

<v Ashley Peterson>Um, so if a sample is collected by implant personnel on a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13868-1
00:59:46.481 --> 00:59:51.847

<v Ashley Peterson>Friday, let's say um, it would likely not get to the lab for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13868-2
00:59:51.847 --> 00:59:57.389

<v Ashley Peterson>analysis until or at least not start the process until Monday.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13896-0
00:59:57.979 --> 01:00:02.404

<v Ashley Peterson>So would sample results be available to communicate to the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13896-1
01:00:02.404 --> 01:00:03.829

<v Ashley Peterson>plant by Wednesday?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13924-0

01:00:03.839 --> 01:00:06.084

<v Ashley Peterson>I'm just thinking of a
theoretical when we've got a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13924-1

01:00:06.084 --> 01:00:06.819

<v Ashley Peterson>weekend involved.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13945-0

01:00:07.349 --> 01:00:13.079

<v Shaw, William - FSIS>So so our laboratory system,
FedEx does does ship on Friday.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13978-0

01:00:13.089 --> 01:00:17.535

<v Shaw, William - FSIS>So so if a sample is collected
on Friday, it it would be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/13978-1

01:00:17.535 --> 01:00:18.939

<v Shaw, William - FSIS>shipped overnight.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14002-0

01:00:18.949 --> 01:00:22.037

<v Shaw, William - FSIS>It would arrive on Saturday and
we would begin the analysis on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14002-1

01:00:22.037 --> 01:00:22.479

<v Shaw, William - FSIS>Saturday.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14037-0

01:00:22.689 --> 01:00:26.758

<v Shaw, William - FSIS>Our laboratories, especially
microbiology, we work 365 days a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14037-1

01:00:26.758 --> 01:00:28.399

<v Shaw, William - FSIS>year, including holidays.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14104-0

01:00:28.409 --> 01:00:32.386

<v Shaw, William - FSIS>So if that sample was collected
on Friday, it would be shipped</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14104-1

01:00:32.386 --> 01:00:36.363

<v Shaw, William - FSIS>overnight with FedEx and arrive
on Saturday and it would begin</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14104-2

01:00:36.363 --> 01:00:37.689

<v Shaw, William - FSIS>analysis on Saturday.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14100-0

01:00:38.379 --> 01:00:38.729

<v Ashley Peterson>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14114-0

01:00:38.739 --> 01:00:40.689

<v Ashley Peterson>So in that situation, this is really helpful.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14151-0

01:00:40.699 --> 01:00:44.757

<v Ashley Peterson>So in that situation the results could be communicated to the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14151-1

01:00:44.757 --> 01:00:46.329

<v Ashley Peterson>establishment by Monday.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14171-0

01:00:46.339 --> 01:00:49.099

<v Ashley Peterson>If it's two days to get sample results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14209-0

01:00:49.649 --> 01:00:53.527

<v Shaw, William - FSIS>So in that scenario, at the sample was collected on Friday</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14209-1

01:00:53.527 --> 01:00:56.419

<v Shaw, William - FSIS>and shipped arrived at the lab on Saturday.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14246-0

01:00:56.689 --> 01:01:01.474

<v Shaw, William - FSIS>Then the those day 2 presumptive findings would start would would</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14246-1

01:01:01.474 --> 01:01:04.229

<v Shaw, William - FSIS>start coming out in emails on Sunday.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14248-0

01:01:04.869 --> 01:01:05.249

<v Ashley Peterson>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14253-0

01:01:07.289 --> 01:01:07.879

<v Ashley Peterson>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14271-0

01:01:08.779 --> 01:01:10.789

<v Ashley Peterson>And I have one more quick

question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14353-0

01:01:11.049 --> 01:01:15.524

<v Ashley Peterson>One of the challenges I think that we've had over the years is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14353-1

01:01:15.524 --> 01:01:19.573

<v Ashley Peterson>on shipping of samples and temperature abuse potentially</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14353-2

01:01:19.573 --> 01:01:24.261

<v Ashley Peterson>and you know samples get lost or or for whatever reason don't end</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14353-3

01:01:24.261 --> 01:01:26.179

<v Ashley Peterson>up at the lab the next day.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14468-0

01:01:26.929 --> 01:01:30.873

<v Ashley Peterson>And given that in the proposal salmonella would be considered</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14468-1

01:01:30.873 --> 01:01:34.945

<v Ashley Peterson>an adulterant at a certain level and serotype um, are there any</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14468-2

01:01:34.945 --> 01:01:39.017

<v Ashley Peterson>steps being taken to ensure the integrity temperature integrity</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14468-3

01:01:39.017 --> 01:01:42.834

<v Ashley Peterson>specifically of those samples when they are received at the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14468-4

01:01:42.834 --> 01:01:46.397

<v Ashley Peterson>lab and further with the temperature that the sample is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14468-5

01:01:46.397 --> 01:01:49.579

<v Ashley Peterson>received at the lab be communicated to the plant?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14496-0

01:01:52.379 --> 01:01:55.229

<v Shaw, William - FSIS>I think those are I at at this

stage.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14512-0

01:01:55.239 --> 01:01:58.749

<v Shaw, William - FSIS>I, as have a proposed from of rule.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14603-0

01:01:58.759 --> 01:02:03.510

<v Shaw, William - FSIS>I think all of those issues actually are great comments and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14603-1

01:02:03.510 --> 01:02:08.578

<v Shaw, William - FSIS>and and those are comments to to sort of provide to the agency,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14603-2

01:02:08.578 --> 01:02:13.566

<v Shaw, William - FSIS>ask the agency and that that and they can be incorporated into</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14603-3

01:02:13.566 --> 01:02:16.259

<v Shaw, William - FSIS>any sort of final final document.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14600-0

01:02:17.099 --> 01:02:17.489

<v Ashley Peterson>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14605-0

01:02:17.799 --> 01:02:18.159

<v Ashley Peterson>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14617-0

01:02:22.899 --> 01:02:23.939

<v Robertson Hale, Kis - FSIS>Alright, thank you, Ashley.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14627-0

01:02:25.409 --> 01:02:27.729

<v Robertson Hale, Kis - FSIS>I will return to the chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14661-0

01:02:30.189 --> 01:02:34.066

<v Robertson Hale, Kis - FSIS>Tanya Roberts asked how does salmonella positive levels</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14661-1

01:02:34.066 --> 01:02:35.659

<v Robertson Hale, Kis - FSIS>compare at supermarket?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14721-0

01:02:36.639 --> 01:02:43.388

<v Robertson Hale, Kis - FSIS>Um and I, and I believe Bill just just acknowledged that this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14721-1
01:02:43.388 --> 01:02:50.029

<v Robertson Hale, Kis - FSIS>is a this is a a question that is is worth submitting to the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14721-2
01:02:50.029 --> 01:02:52.969
<v Robertson Hale, Kis - FSIS>comments for consideration.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14746-0
01:02:53.529 --> 01:02:56.685
<v Robertson Hale, Kis - FSIS>It's kind of outside of what we put forward for the the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14746-1
01:02:56.685 --> 01:02:57.249
<v Robertson Hale, Kis - FSIS>framework.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14781-0
01:02:59.259 --> 01:03:03.801
<v Robertson Hale, Kis - FSIS>So the next question is where positive samples zero typed from</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14781-1
01:03:03.801 --> 01:03:05.099
<v Robertson Hale, Kis - FSIS>isolated colonies?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14810-0
01:03:06.519 --> 01:03:10.049
<v Robertson Hale, Kis - FSIS>If so, is there any concern of serotype isolation by us?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14822-0
01:03:10.799 --> 01:03:13.889
<v Robertson Hale, Kis - FSIS>For some, some, some serotypes superseding others.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14888-0
01:03:16.499 --> 01:03:20.600
<v Shaw, William - FSIS>So I would say in the study itself when when we conducted</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14888-1
01:03:20.600 --> 01:03:25.267
<v Shaw, William - FSIS>the the study that the the study was based on our sort of current</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14888-2
01:03:25.267 --> 01:03:26.469
<v Shaw, William - FSIS>detection method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14922-0
01:03:26.559 --> 01:03:30.153
<v Shaw, William - FSIS>So those those serotype
determinations were made from</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14922-1
01:03:30.153 --> 01:03:33.946
<v Shaw, William - FSIS>isolated colonies and were
determined using whole genome</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14922-2
01:03:33.946 --> 01:03:34.679
<v Shaw, William - FSIS>sequencing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14926-0
01:03:40.159 --> 01:03:40.479
<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14955-0
01:03:41.819 --> 01:03:46.456
<v Robertson Hale, Kis - FSIS>Next question, it appears the
quantification method is based</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14955-1
01:03:46.456 --> 01:03:46.989
<v Robertson Hale, Kis - FSIS>on PCR.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14984-0
01:03:47.119 --> 01:03:51.577
<v Robertson Hale, Kis - FSIS>Is there a way to account for
the possible presence of non</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/14984-1
01:03:51.577 --> 01:03:52.409
<v Robertson Hale, Kis - FSIS>viable DNA?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15027-0
01:03:57.669 --> 01:04:03.245
<v Shaw, William - FSIS>I think that that is that's also
a the question to to ask within</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15027-1
01:04:03.245 --> 01:04:06.419
<v Shaw, William - FSIS>the framework and I think it's
also.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15093-0
01:04:10.909 --> 01:04:14.829
<v Shaw, William - FSIS>A quiet I I would have to go
back and and read, read through</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15093-1
01:04:14.829 --> 01:04:18.814
<v Shaw, William - FSIS>the the Neogen I mean the beer

Mary you quantification method</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15093-2

01:04:18.814 --> 01:04:21.449

<v Shaw, William - FSIS>to to determine how how that is handled.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15097-0

01:04:30.449 --> 01:04:30.769

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15104-0

01:04:37.169 --> 01:04:37.649

<v Robertson Hale, Kis - FSIS>Thanks bill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15108-0

01:04:45.909 --> 01:04:46.239

<v Robertson Hale, Kis - FSIS>Right.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15116-0

01:04:46.249 --> 01:04:47.279

<v Robertson Hale, Kis - FSIS>Any additional questions?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15149-0

01:04:54.909 --> 01:04:58.669

<v Kelley, Kimberly - FSIS>I don't see any hands raised, but this is a great opportunity</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15149-1

01:04:58.669 --> 01:04:59.579

<v Kelley, Kimberly - FSIS>for a reminder.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15231-0

01:04:59.589 --> 01:05:03.124

<v Kelley, Kimberly - FSIS>So those in the teams app, if you'd like to ask a question,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15231-1

01:05:03.124 --> 01:05:06.955

<v Kelley, Kimberly - FSIS>you can use your raise your hand feature or you can use the chat</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15231-2

01:05:06.955 --> 01:05:10.549

<v Kelley, Kimberly - FSIS>box and we'll be happy to read that off for you and those on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15231-3

01:05:10.549 --> 01:05:11.139

<v Kelley, Kimberly - FSIS>the phone.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15264-0

01:05:11.189 --> 01:05:14.210

<v Kelley, Kimberly - FSIS>You can press *5 to get in the

queue and we'll give you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15264-1

01:05:14.210 --> 01:05:16.369

<v Kelley, Kimberly - FSIS>instructions on how to unmute yourself.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15271-0

01:05:20.799 --> 01:05:21.119

<v Robertson Hale, Kis - FSIS>Thanks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15277-0

01:05:21.189 --> 01:05:21.639

<v Robertson Hale, Kis - FSIS>Kimberly.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15285-0

01:05:21.649 --> 01:05:23.189

<v Robertson Hale, Kis - FSIS>So I see another question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15352-0

01:05:24.669 --> 01:05:28.619

<v Robertson Hale, Kis - FSIS>Conversations have been made with the suppliers to ensure,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15352-1

01:05:28.619 --> 01:05:32.503

<v Robertson Hale, Kis - FSIS>OK, I I'm assuming it's half conversations been made with</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15352-2

01:05:32.503 --> 01:05:36.856

<v Robertson Hale, Kis - FSIS>suppliers to ensure supplies are available for possible increase</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15352-3

01:05:36.856 --> 01:05:37.459

<v Robertson Hale, Kis - FSIS>of usage.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15371-0

01:05:51.239 --> 01:05:52.899

<v Robertson Hale, Kis - FSIS>I guess I'll I'll take that one.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15400-0

01:05:53.079 --> 01:05:58.039

<v Robertson Hale, Kis - FSIS>Bill, if if you don't have a anything to to add, you know.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15409-0

01:05:58.049 --> 01:05:58.769

<v Shaw, William - FSIS>No, I.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15405-0

01:05:59.699 --> 01:06:00.399

<v Robertson Hale, Kis - FSIS>Oh yeah.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15429-0

01:06:00.409 --> 01:06:04.107

<v Robertson Hale, Kis - FSIS>I mean, we've been, you know, public with the proposed rule,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15429-1

01:06:04.107 --> 01:06:04.289

<v Robertson Hale, Kis - FSIS>um.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15495-0

01:06:04.699 --> 01:06:10.097

<v Robertson Hale, Kis - FSIS>And so this information is also available to those that are, you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15495-1

01:06:10.097 --> 01:06:15.329

<v Robertson Hale, Kis - FSIS>know, diagnostic lab industry and others that you know are key</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15495-2

01:06:15.329 --> 01:06:18.319

<v Robertson Hale, Kis - FSIS>stakeholders and our supply chains.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15534-0

01:06:19.159 --> 01:06:24.301

<v Robertson Hale, Kis - FSIS>So we would expect that they are paying attention to to this just</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15534-1

01:06:24.301 --> 01:06:27.729

<v Robertson Hale, Kis - FSIS>as you all are and are making preparations.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15537-0

01:06:27.819 --> 01:06:28.739

<v Robertson Hale, Kis - FSIS>But that's a great question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15552-0

01:06:51.289 --> 01:06:52.239

<v Kelley, Kimberly - FSIS>Alright, kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15590-0

01:06:52.249 --> 01:06:56.653

<v Kelley, Kimberly - FSIS>Just to let you know, I don't see any hands raised or I do not</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15590-1

01:06:56.653 --> 01:06:59.589

<v Kelley, Kimberly - FSIS>see any additional questions in the chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15593-0

01:07:02.339 --> 01:07:02.699
<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15626-0
01:07:04.929 --> 01:07:08.693
<v Robertson Hale, Kis - FSIS>While I appreciate those who've asked questions, you really I</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15626-1
01:07:08.693 --> 01:07:09.969
<v Robertson Hale, Kis - FSIS>insightful questions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15632-0
01:07:09.979 --> 01:07:10.659
<v Robertson Hale, Kis - FSIS>So thank you for that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15649-0
01:07:13.319 --> 01:07:15.419
<v Robertson Hale, Kis - FSIS>We still have a few minutes so.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15678-0
01:07:17.859 --> 01:07:22.622
<v Robertson Hale, Kis - FSIS>We can wait a little bit, but we could always also break it early</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15678-1
01:07:22.622 --> 01:07:22.839
<v Robertson Hale, Kis - FSIS>so.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15716-0
01:07:32.329 --> 01:07:36.211
<v Kelley, Kimberly - FSIS>All right, because I do not see any hands raised or any</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15716-1
01:07:36.211 --> 01:07:38.569
<v Kelley, Kimberly - FSIS>additional questions in the chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15752-0
01:07:38.609 --> 01:07:42.909
<v Kelley, Kimberly - FSIS>So as of right now, I believe that we can go ahead and move</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15752-1
01:07:42.909 --> 01:07:45.059
<v Kelley, Kimberly - FSIS>forward to our 5 minute break.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15768-0
01:07:45.149 --> 01:07:48.739
<v Kelley, Kimberly - FSIS>So please join us back at 11:15.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15773-0
01:07:48.939 --> 01:07:49.649

<v Kelley, Kimberly - FSIS>Thank you very much.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15930-0

01:13:28.119 --> 01:13:30.609

<v Robertson Hale, Kis - FSIS>OK, it's 1116.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15940-0

01:13:30.619 --> 01:13:32.009

<v Robertson Hale, Kis - FSIS>So let's go ahead and get started.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15984-0

01:13:39.769 --> 01:13:43.253

<v Robertson Hale, Kis - FSIS>Next, we will have doctor Courtney Amundson, data science</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15984-1

01:13:43.253 --> 01:13:46.738

<v Robertson Hale, Kis - FSIS>scientists with our Office of Planning, Analysis and Risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15984-2

01:13:46.738 --> 01:13:47.399

<v Robertson Hale, Kis - FSIS>Management.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/15998-0

01:13:47.809 --> 01:13:50.579

<v Robertson Hale, Kis - FSIS>She will be talking about statistical process control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16002-0

01:13:55.939 --> 01:13:56.239

<v Amundson, Courtney - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16005-0

01:13:56.249 --> 01:13:56.649

<v Amundson, Courtney - FSIS>Thanks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16008-0

01:13:56.899 --> 01:13:57.159

<v Amundson, Courtney - FSIS>Thanks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16015-0

01:13:57.169 --> 01:13:57.399

<v Amundson, Courtney - FSIS>Kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16060-0

01:13:59.169 --> 01:14:02.026

<v Amundson, Courtney - FSIS>My name is Courtney Amson and I'm a senior data scientist with</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16060-1

01:14:02.026 --> 01:14:05.019

<v Amundson, Courtney - FSIS>the Office of Planning, Analysis

and Risk Management within FSIS.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16111-0

01:14:05.099 --> 01:14:08.026

<v Amundson, Courtney - FSIS>And today, I'll providing people providing some information on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16111-1

01:14:08.026 --> 01:14:10.813

<v Amundson, Courtney - FSIS>this statistical process control methods recommended in the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16111-2

01:14:10.813 --> 01:14:12.579

<v Amundson, Courtney - FSIS>salmonella framework for Rob Poultry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16145-0

01:14:13.339 --> 01:14:15.904

<v Amundson, Courtney - FSIS>And I'll walk you through the use of an Excel tool we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16145-1

01:14:15.904 --> 01:14:17.519

<v Amundson, Courtney - FSIS>developed as part of that effort.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16198-0

01:14:18.179 --> 01:14:21.490

<v Amundson, Courtney - FSIS>And forgive me, I'm getting over some heinous virus in my voice</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16198-1

01:14:21.490 --> 01:14:24.750

<v Amundson, Courtney - FSIS>is a little bit lower than usual and if I have a coughing fit,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16198-2

01:14:24.750 --> 01:14:25.889

<v Amundson, Courtney - FSIS>I'll just meet myself.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16208-0

01:14:25.899 --> 01:14:28.329

<v Amundson, Courtney - FSIS>So alright, here we go.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16325-0

01:14:29.769 --> 01:14:32.756

<v Amundson, Courtney - FSIS>So FSIS proposed the salmonella framework for Rob Poultry</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16325-1

01:14:32.756 --> 01:14:36.000

<v Amundson, Courtney - FSIS>products to clarify and amend 9 CFR 381.65 G The establish new</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16325-2
01:14:36.000 --> 01:14:39.245
<v Amundson, Courtney - FSIS>requirements pertaining to help
poultry establishments monitor</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16325-3
01:14:39.245 --> 01:14:42.026
<v Amundson, Courtney - FSIS>and document whether they're
processes are preventing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16325-4
01:14:42.026 --> 01:14:44.910
<v Amundson, Courtney - FSIS>microbial contamination
throughout the entire slaughter</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16325-5
01:14:44.910 --> 01:14:46.919
<v Amundson, Courtney - FSIS>and dressing operation, or in
control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16346-0
01:14:48.459 --> 01:14:51.866
<v Amundson, Courtney - FSIS>Just to note that subparts
referencing each change are in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16346-1
01:14:51.866 --> 01:14:52.689
<v Amundson, Courtney - FSIS>parentheses O.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16378-0
01:14:52.699 --> 01:14:55.482
<v Amundson, Courtney - FSIS>Specifically, we're proposing
that establishments must use</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16378-1
01:14:55.482 --> 01:14:58.266
<v Amundson, Courtney - FSIS>statistical methods to monitor
and control microbiological</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16378-2
01:14:58.266 --> 01:14:58.549
<v Amundson, Courtney - FSIS>risks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16397-0
01:15:00.069 --> 01:15:02.759
<v Amundson, Courtney - FSIS>Pretty chill sampling locations
are limited to rehang only.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16424-0
01:15:03.969 --> 01:15:06.873
<v Amundson, Courtney - FSIS>All establishments, regardless
of size and inspection type,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16424-1

01:15:06.873 --> 01:15:08.229

<v Amundson, Courtney - FSIS>must collect paired samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16459-0

01:15:08.389 --> 01:15:11.216

<v Amundson, Courtney - FSIS>Previously very small and very low volume, traditional</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16459-1

01:15:11.216 --> 01:15:14.249

<v Amundson, Courtney - FSIS>slaughter establishments only had to sample it post chill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16504-0

01:15:14.679 --> 01:15:17.488

<v Amundson, Courtney - FSIS>The offset that additional cost for very small and very low</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16504-1

01:15:17.488 --> 01:15:20.532

<v Amundson, Courtney - FSIS>volume establishments, FSIS has offered the use of their labs to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16504-2

01:15:20.532 --> 01:15:21.329

<v Amundson, Courtney - FSIS>complete testing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16559-0

01:15:22.819 --> 01:15:26.297

<v Amundson, Courtney - FSIS>Lastly, establishments must electronically submit records to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16559-1

01:15:26.297 --> 01:15:29.719

<v Amundson, Courtney - FSIS>FSS monthly, whereas previously records only had to be made</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16559-2

01:15:29.719 --> 01:15:31.829

<v Amundson, Courtney - FSIS>available for implant FSS personnel.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16571-0

01:15:33.149 --> 01:15:34.139

<v Amundson, Courtney - FSIS>Well, we aren't changing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16644-0

01:15:34.149 --> 01:15:37.950

<v Amundson, Courtney - FSIS>Are the frequent or the current sampling frequencies for how</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16644-1

01:15:37.950 --> 01:15:41.814

<v Amundson, Courtney - FSIS>FSIS personnel will monitor, not or how FSI is personnel will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16644-2

01:15:41.814 --> 01:15:44.494

<v Amundson, Courtney - FSIS>monitor 9 CFR 381.65 for compliance within</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16644-3

01:15:44.494 --> 01:15:45.429

<v Amundson, Courtney - FSIS>establishments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16675-0

01:15:48.679 --> 01:15:50.876

<v Amundson, Courtney - FSIS>To help establishments statistically monitor</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16675-1

01:15:50.876 --> 01:15:52.829

<v Amundson, Courtney - FSIS>microbiological risk, FSI is developed.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16719-0

01:15:52.839 --> 01:15:56.379

<v Amundson, Courtney - FSIS>The lower capability process index statistical measurement</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16719-1

01:15:56.379 --> 01:16:00.039

<v Amundson, Courtney - FSIS>model you're after, we're going to call it either Cpl, SM or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16719-2

01:16:00.039 --> 01:16:00.939

<v Amundson, Courtney - FSIS>just the model.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-0

01:16:01.469 --> 01:16:04.663

<v Amundson, Courtney - FSIS>The model provides a framework for establishments to monitor</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-1

01:16:04.663 --> 01:16:07.230

<v Amundson, Courtney - FSIS>process control through establishment led paired</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-2

01:16:07.230 --> 01:16:10.268

<v Amundson, Courtney - FSIS>sampling during production and should FSI as finalize the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-3

01:16:10.268 --> 01:16:13.567

<v Amundson, Courtney - FSIS>proposed rule further of the Cpl

SM would be considered a safe</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-4

01:16:13.567 --> 01:16:16.762

<v Amundson, Courtney - FSIS>harbor and that establishment set incorporate the model into</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-5

01:16:16.762 --> 01:16:20.219

<v Amundson, Courtney - FSIS>their microbial monitoring plans would not be required to provide</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-6

01:16:20.219 --> 01:16:23.361

<v Amundson, Courtney - FSIS>FSIS with additional scientific or technical information to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16864-7

01:16:23.361 --> 01:16:25.509

<v Amundson, Courtney - FSIS>support their chosen statistical method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16982-0

01:16:27.649 --> 01:16:30.169

<v Amundson, Courtney - FSIS>FSS has also developed a spreadsheet file that will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16982-1

01:16:30.169 --> 01:16:32.835

<v Amundson, Courtney - FSIS>create visualizations and summaries of process control</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16982-2

01:16:32.835 --> 01:16:35.501

<v Amundson, Courtney - FSIS>sampling results that we will walk through in the next</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16982-3

01:16:35.501 --> 01:16:38.652

<v Amundson, Courtney - FSIS>presentation and and the goal of developing that Cpl SMM and the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16982-4

01:16:38.652 --> 01:16:41.609

<v Amundson, Courtney - FSIS>Associated Excel tool was to provide kind of a plug and play</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16982-5

01:16:41.609 --> 01:16:44.275

<v Amundson, Courtney - FSIS>method establishments could follow to meet the revised</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/16982-6

01:16:44.275 --> 01:16:44.809

<v Amundson, Courtney - FSIS>guidelines.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17031-0

01:16:45.219 --> 01:16:47.645

<v Amundson, Courtney - FSIS>We envision this may be especially useful for very small</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17031-1

01:16:47.645 --> 01:16:49.858

<v Amundson, Courtney - FSIS>and very low volume establishments without existing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17031-2

01:16:49.858 --> 01:16:51.859

<v Amundson, Courtney - FSIS>internal statistical process control programs.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17064-0

01:16:52.849 --> 01:16:56.762

<v Amundson, Courtney - FSIS>Use of the CPA, SM and Excel tool are optional establishments</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17064-1

01:16:56.762 --> 01:16:58.719

<v Amundson, Courtney - FSIS>choosing not to follow the Cpl.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17100-0

01:16:58.729 --> 01:17:01.687

<v Amundson, Courtney - FSIS>SMM must provide the technical justification for methods used</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17100-1

01:17:01.687 --> 01:17:04.263

<v Amundson, Courtney - FSIS>to establish statistical process control within their</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17100-2

01:17:04.263 --> 01:17:04.979

<v Amundson, Courtney - FSIS>establishments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17133-0

01:17:08.869 --> 01:17:12.487

<v Amundson, Courtney - FSIS>And just a note here on the purpose of the Cpl MO in this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17133-1

01:17:12.487 --> 01:17:13.299

<v Amundson, Courtney - FSIS>presentation.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17234-0

01:17:13.309 --> 01:17:16.276

<v Amundson, Courtney - FSIS>So this presentation is not an overview of what is proposed for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17234-1

01:17:16.276 --> 01:17:19.197

<v Amundson, Courtney - FSIS>component two of the salmonella framework for Rob Poultry, but</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17234-2

01:17:19.197 --> 01:17:22.071

<v Amundson, Courtney - FSIS>rather it's an introduction to the appendix that provides the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17234-3

01:17:22.071 --> 01:17:24.760

<v Amundson, Courtney - FSIS>Technical Support, scientific validity and utility of the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17234-4

01:17:24.760 --> 01:17:27.403

<v Amundson, Courtney - FSIS>recommended model to analyze and monitor industry paired</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17234-5

01:17:27.403 --> 01:17:28.099

<v Amundson, Courtney - FSIS>microbial data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17256-0

01:17:28.469 --> 01:17:30.682

<v Amundson, Courtney - FSIS>It describes the model and analysis used to develop</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17256-1

01:17:30.682 --> 01:17:31.789

<v Amundson, Courtney - FSIS>parameter recommendations.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-0

01:17:33.479 --> 01:17:36.389

<v Amundson, Courtney - FSIS>Document also isn't a how to guide on how to apply</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-1

01:17:36.389 --> 01:17:39.812

<v Amundson, Courtney - FSIS>statistical process control or specifically the Cpl SMM and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-2

01:17:39.812 --> 01:17:43.350

<v Amundson, Courtney - FSIS>their establishment workflow, or how to incorporate it into a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-3

01:17:43.350 --> 01:17:46.659

<v Amundson, Courtney - FSIS>hassop system should FSIS finalize the proposed revisions</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-4

01:17:46.659 --> 01:17:50.254

<v Amundson, Courtney - FSIS>of nine CFR 381.65 and accept the Cpl SM as a Safe Harbor, FSI</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-5

01:17:50.254 --> 01:17:53.506

<v Amundson, Courtney - FSIS>will provide the specific instructions to establishments</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-6

01:17:53.506 --> 01:17:56.644

<v Amundson, Courtney - FSIS>on how to utilize the model as part of their microbial</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17400-7

01:17:56.644 --> 01:17:57.729

<v Amundson, Courtney - FSIS>monitoring program.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17476-0

01:17:58.979 --> 01:18:02.253

<v Amundson, Courtney - FSIS>And another note, just to bear with me, because the CPSM</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17476-1

01:18:02.253 --> 01:18:05.469

<v Amundson, Courtney - FSIS>document in this presentation are technical, although a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17476-2

01:18:05.469 --> 01:18:09.031

<v Amundson, Courtney - FSIS>similar method is used for the EMS school lunch program, FSIS</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17476-3

01:18:09.031 --> 01:18:10.869

<v Amundson, Courtney - FSIS>has not published this approach.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17497-0

01:18:10.879 --> 01:18:13.289

<v Amundson, Courtney - FSIS>Me want to be transparent in how recommendations were developed.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17541-0

01:18:14.019 --> 01:18:16.783

<v Amundson, Courtney - FSIS>If you can stay for the next talk, demonstrating the Excel</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17541-1

01:18:16.783 --> 01:18:19.454

<v Amundson, Courtney - FSIS>tool facilitating use of the CLSM, the method may become</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17541-2

01:18:19.454 --> 01:18:19.829

<v Amundson, Courtney - FSIS>clearer.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17562-0

01:18:22.119 --> 01:18:24.369

<v Amundson, Courtney - FSIS>OK, let's get into how the CPSM works.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17634-0

01:18:24.699 --> 01:18:27.968

<v Amundson, Courtney - FSIS>So the crux of the approach is just that establishment sample,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17634-1

01:18:27.968 --> 01:18:31.083

<v Amundson, Courtney - FSIS>the same lot of product twice during slaughter, quantifying</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17634-2

01:18:31.083 --> 01:18:34.249

<v Amundson, Courtney - FSIS>aerobic counts or AC at both rehang and again at post chill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17760-0

01:18:34.839 --> 01:18:37.341

<v Amundson, Courtney - FSIS>Fsis defined rehang as after picking and prior to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17760-1

01:18:37.341 --> 01:18:40.444

<v Amundson, Courtney - FSIS>evisceration, the shouldn't be confused with pre chill, which</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17760-2

01:18:40.444 --> 01:18:43.147

<v Amundson, Courtney - FSIS>may include locations post evisceration just prior to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17760-3

01:18:43.147 --> 01:18:46.351

<v Amundson, Courtney - FSIS>chilling the 2nd paired sample comes at post chill or the young</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17760-4

01:18:46.351 --> 01:18:49.104

<v Amundson, Courtney - FSIS>poultry carcasses exit the chiller after all slaughter</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17760-5

01:18:49.104 --> 01:18:52.257

<v Amundson, Courtney - FSIS>interventions have taken place, but before entering coolers or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17760-6

01:18:52.257 --> 01:18:53.959

<v Amundson, Courtney - FSIS>proceeding to further processing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17777-0
01:18:55.509 --> 01:18:58.239

<v Amundson, Courtney - FSIS>Paired sampling must occur at prescribed intervals.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17870-0
01:18:58.249 --> 01:19:01.545

<v Amundson, Courtney - FSIS>Depending on the number of head slaughtered, monthly at each</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17870-1
01:19:01.545 --> 01:19:04.787

<v Amundson, Courtney - FSIS>establishment establishment slaughtering less than or equal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17870-2
01:19:04.787 --> 01:19:08.191

<v Amundson, Courtney - FSIS>to 440,000 chickens or 60,000 other poultry species, including</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17870-3
01:19:08.191 --> 01:19:11.433

<v Amundson, Courtney - FSIS>Turkey, ducks, geese, Guinea or squab, we need to collect a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17870-4
01:19:11.433 --> 01:19:13.109

<v Amundson, Courtney - FSIS>minimum of 13 samples per year.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17942-0
01:19:14.179 --> 01:19:17.044

<v Amundson, Courtney - FSIS>Establishments producing above that threshold, we'll need to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17942-1
01:19:17.044 --> 01:19:20.003

<v Amundson, Courtney - FSIS>sample at least weekly and up to either once per 3000 head for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17942-2
01:19:20.003 --> 01:19:22.775

<v Amundson, Courtney - FSIS>poultry species other than chicken or once per 22,000 head</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/17942-3
01:19:22.775 --> 01:19:23.339

<v Amundson, Courtney - FSIS>for chicken.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18010-0
01:19:24.439 --> 01:19:27.641

<v Amundson, Courtney - FSIS>We want to emphasize that we are

not proposing any changes to the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18010-1

01:19:27.641 --> 01:19:30.649

<v Amundson, Courtney - FSIS>frequency of sampling already prescribed in nine CFR 381.65 G</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18010-2

01:19:30.649 --> 01:19:33.561

<v Amundson, Courtney - FSIS>establishments are already sampling for indicator organisms</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18010-3

01:19:33.561 --> 01:19:34.289

<v Amundson, Courtney - FSIS>at these rates.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18051-0

01:19:36.709 --> 01:19:40.237

<v Amundson, Courtney - FSIS>Once we have AC values at each point, we subtract the log of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18051-1

01:19:40.237 --> 01:19:41.799

<v Amundson, Courtney - FSIS>the AC value at post shell.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18075-0

01:19:41.809 --> 01:19:45.822

<v Amundson, Courtney - FSIS>From the log AC value at rehang the determine the log change in,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18075-1

01:19:45.822 --> 01:19:46.069

<v Amundson, Courtney - FSIS>etc.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18129-0

01:19:46.079 --> 01:19:48.889

<v Amundson, Courtney - FSIS>Across the slaughter process, but take the log of these values</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18129-1

01:19:48.889 --> 01:19:51.744

<v Amundson, Courtney - FSIS>because they can get very large and wide ranging and log values</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18129-2

01:19:51.744 --> 01:19:53.439

<v Amundson, Courtney - FSIS>help make things easier to interpret.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18156-0

01:19:54.309 --> 01:19:56.438

<v Amundson, Courtney - FSIS>Here are two terms that you'll hear a lot in the next half</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18156-1

01:19:56.438 --> 01:19:56.619

<v Amundson, Courtney - FSIS>hour.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18178-0

01:19:56.909 --> 01:20:00.859

<v Amundson, Courtney - FSIS>The first is L for processes that are in control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18269-0

01:20:00.869 --> 01:20:04.326

<v Amundson, Courtney - FSIS>The log AC value should decline or remain low throughout the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18269-1

01:20:04.326 --> 01:20:07.500

<v Amundson, Courtney - FSIS>latter process is interventions are applied in sanitary</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18269-2

01:20:07.500 --> 01:20:11.128

<v Amundson, Courtney - FSIS>conditions maintained the lower specification limit or L is the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18269-3

01:20:11.128 --> 01:20:14.528

<v Amundson, Courtney - FSIS>minimum difference in log AC that can represent a a process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18269-4

01:20:14.528 --> 01:20:15.549

<v Amundson, Courtney - FSIS>that's in control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18322-0

01:20:17.029 --> 01:20:20.483

<v Amundson, Courtney - FSIS>Fsis is proposing only a lower limit because high AC at REHANG</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18322-1

01:20:20.483 --> 01:20:23.115

<v Amundson, Courtney - FSIS>has less meaningful in a slaughter process with</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18322-2

01:20:23.115 --> 01:20:25.089

<v Amundson, Courtney - FSIS>consistently low post chill values.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18392-0

01:20:26.809 --> 01:20:30.781

<v Amundson, Courtney - FSIS>The second term is the lower capability process index or Cpl,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18392-1

01:20:30.781 --> 01:20:34.561

<v Amundson, Courtney - FSIS>which is just the the mean change in log AC from rehang to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18392-2

01:20:34.561 --> 01:20:38.148

<v Amundson, Courtney - FSIS>post chill minus the L / 3 standard deviations from the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18392-3

01:20:38.148 --> 01:20:38.469

<v Amundson, Courtney - FSIS>mean.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18408-0

01:20:40.259 --> 01:20:42.639

<v Amundson, Courtney - FSIS>Why use this index and not just L?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18509-0

01:20:42.649 --> 01:20:46.083

<v Amundson, Courtney - FSIS>Well, you can use the log change in C and visual showing trends</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18509-1

01:20:46.083 --> 01:20:49.089

<v Amundson, Courtney - FSIS>relative to LSL could be informative to establishments,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18509-2

01:20:49.089 --> 01:20:52.362

<v Amundson, Courtney - FSIS>but in terms of statistical process control, the Cpl has the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18509-3

01:20:52.362 --> 01:20:55.368

<v Amundson, Courtney - FSIS>benefit of being a single value that addresses both the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18509-4

01:20:55.368 --> 01:20:58.749

<v Amundson, Courtney - FSIS>precision and accuracy of the result relative to the expected.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18514-0

01:20:58.759 --> 01:20:59.339

<v Amundson, Courtney - FSIS>Lol.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18560-0

01:21:00.369 --> 01:21:03.438

<v Amundson, Courtney - FSIS>It incorporates the error around process control as well as the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18560-1

01:21:03.438 --> 01:21:06.075

<v Amundson, Courtney - FSIS>actual values into a single number that can be tracked</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18560-2

01:21:06.075 --> 01:21:06.699

<v Amundson, Courtney - FSIS>through time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18597-0

01:21:07.129 --> 01:21:10.412

<v Amundson, Courtney - FSIS>It also uses multiple sample results which better illustrates</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18597-1

01:21:10.412 --> 01:21:12.689

<v Amundson, Courtney - FSIS>general trends than using a single result.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18605-0

01:21:16.269 --> 01:21:16.559

<v Amundson, Courtney - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18653-0

01:21:16.569 --> 01:21:19.133

<v Amundson, Courtney - FSIS>So typically, how process control charts are visualized is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18653-1

01:21:19.133 --> 01:21:21.741

<v Amundson, Courtney - FSIS>sample results are plotted through time and patterns emerge</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18653-2

01:21:21.741 --> 01:21:22.959

<v Amundson, Courtney - FSIS>relative to process control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18705-0

01:21:23.529 --> 01:21:26.693

<v Amundson, Courtney - FSIS>In this plot, the green points are all either the difference in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18705-1

01:21:26.693 --> 01:21:29.906

<v Amundson, Courtney - FSIS>log AC between our paired sample locations, or CP values plotted</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18705-2

01:21:29.906 --> 01:21:30.549

<v Amundson, Courtney - FSIS>through time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18725-0

01:21:31.479 --> 01:21:35.519

<v Amundson, Courtney - FSIS>The Gray line is the trend in samples over this time period.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18770-0

01:21:37.109 --> 01:21:42.059

<v Amundson, Courtney - FSIS>The green shaded area down here represents either the LL or Cpl</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18770-1

01:21:42.059 --> 01:21:46.159

<v Amundson, Courtney - FSIS>and this bell curve is what we call it on the right.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18829-0

01:21:46.169 --> 01:21:49.260

<v Amundson, Courtney - FSIS>Shows what a typical normal distribution looks like, so the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18829-1

01:21:49.260 --> 01:21:52.506

<v Amundson, Courtney - FSIS>peak in the curve here for a is the relative density of points</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18829-2

01:21:52.506 --> 01:21:54.979

<v Amundson, Courtney - FSIS>that should occur within that window of values.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18863-0

01:21:55.469 --> 01:21:58.726

<v Amundson, Courtney - FSIS>So most points will occur near the mean and then they will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18863-1

01:21:58.726 --> 01:22:00.659

<v Amundson, Courtney - FSIS>become more sparse as you deviate.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18882-0

01:22:00.829 --> 01:22:03.391

<v Amundson, Courtney - FSIS>These are standard deviation bars deviate further from the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18882-1

01:22:03.391 --> 01:22:03.609

<v Amundson, Courtney - FSIS>mean.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18938-0

01:22:05.229 --> 01:22:08.021

<v Amundson, Courtney - FSIS>So for stable processes and control points will be above the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18938-1

01:22:08.021 --> 01:22:10.584

<v Amundson, Courtney - FSIS>green shaded area and show a fairly flat line with more</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18938-2

01:22:10.584 --> 01:22:12.049

<v Amundson, Courtney - FSIS>points closer to the trend line.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18972-0

01:22:14.689 --> 01:22:17.033

<v Amundson, Courtney - FSIS>Here's what data may look like for an establishment at risk of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/18972-1

01:22:17.033 --> 01:22:17.889

<v Amundson, Courtney - FSIS>losing process control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19012-0

01:22:18.849 --> 01:22:21.594

<v Amundson, Courtney - FSIS>Note that for points, note that the points ranged widely and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19012-1

01:22:21.594 --> 01:22:23.799

<v Amundson, Courtney - FSIS>several occur some distance from the trend line.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19077-0

01:22:24.199 --> 01:22:26.958

<v Amundson, Courtney - FSIS>Additionally, some sample results are in the Green Zone,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19077-1

01:22:26.958 --> 01:22:29.814

<v Amundson, Courtney - FSIS>below the LSL or Cpl, and the overall trend in the data is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19077-2

01:22:29.814 --> 01:22:32.429

<v Amundson, Courtney - FSIS>approaching the Green Zone, which in our case is bad.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19160-0

01:22:33.009 --> 01:22:35.966

<v Amundson, Courtney - FSIS>We think about it in terms of the data, the differences in log</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19160-1

01:22:35.966 --> 01:22:38.876

<v Amundson, Courtney - FSIS>AC values between rehang and postrel are getting smaller from</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19160-2

01:22:38.876 --> 01:22:41.505

<v Amundson, Courtney - FSIS>our recent samples, suggesting interventions are not as</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19160-3

01:22:41.505 --> 01:22:43.289

<v Amundson, Courtney - FSIS>effective at reducing microbial load.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19251-0

01:22:44.629 --> 01:22:47.489

<v Amundson, Courtney - FSIS>The Cpl SMM illustrates trends using linear regression, which</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19251-1

01:22:47.489 --> 01:22:50.119

<v Amundson, Courtney - FSIS>may which was used because trends are easy to interpret,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19251-2

01:22:50.119 --> 01:22:52.888

<v Amundson, Courtney - FSIS>but we acknowledge it may not show all the nuanced patterns</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19251-3

01:22:52.888 --> 01:22:55.380

<v Amundson, Courtney - FSIS>within the data, and establishments are encouraged to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19251-4

01:22:55.380 --> 01:22:58.056

<v Amundson, Courtney - FSIS>look at each sample result relative to longer term trends</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19251-5

01:22:58.056 --> 01:22:58.979

<v Amundson, Courtney - FSIS>to make conclusions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19290-0

01:23:02.489 --> 01:23:04.547

<v Amundson, Courtney - FSIS>And accordance with hassop monitoring requirements,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19290-1

01:23:04.547 --> 01:23:07.001

<v Amundson, Courtney - FSIS>establishments will document their response to any periods of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19290-2

01:23:07.001 --> 01:23:07.199

<v Amundson, Courtney - FSIS>time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19306-0

01:23:07.209 --> 01:23:09.429

<v Amundson, Courtney - FSIS>The results are below the minimum performance thresholds.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19363-0

01:23:10.609 --> 01:23:14.577

<v Amundson, Courtney - FSIS>Additionally, IP will continue to verify the 381.65 G microbial</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19363-1
01:23:14.577 --> 01:23:18.359

<v Amundson, Courtney - FSIS>monitoring data as part of the review of establishment data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19414-0
01:23:18.369 --> 01:23:21.704

<v Amundson, Courtney - FSIS>Task has ups are slaughter, hasip task and or ssop tasks</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19414-1
01:23:21.704 --> 01:23:24.513

<v Amundson, Courtney - FSIS>depending on how the establishment incorporates</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19414-2
01:23:24.513 --> 01:23:27.439

<v Amundson, Courtney - FSIS>monitoring and sanitary address into their house.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19469-0
01:23:30.849 --> 01:23:33.543

<v Amundson, Courtney - FSIS>All establishments currently maintain digital or paper</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19469-1
01:23:33.543 --> 01:23:36.335

<v Amundson, Courtney - FSIS>records and have arrangements with IP and how to provide</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19469-2
01:23:36.335 --> 01:23:38.099

<v Amundson, Courtney - FSIS>records for IP review upon request.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19554-0
01:23:38.169 --> 01:23:41.376

<v Amundson, Courtney - FSIS>They are provided either through electronic records, for example</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19554-1
01:23:41.376 --> 01:23:44.534

<v Amundson, Courtney - FSIS>providing a tablet with a record pulled up or logging IP into a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19554-2
01:23:44.534 --> 01:23:47.494

<v Amundson, Courtney - FSIS>computer with a record on screen or other paper copies, for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19554-3

01:23:47.494 --> 01:23:50.159

<v Amundson, Courtney - FSIS>example, printing out of Excel charts for IBP review.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19622-0

01:23:51.079 --> 01:23:53.618

<v Amundson, Courtney - FSIS>As part of the salmonella framework, in addition to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19622-1

01:23:53.618 --> 01:23:55.963

<v Amundson, Courtney - FSIS>reporting periods below performance thresholds,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19622-2

01:23:55.963 --> 01:23:58.991

<v Amundson, Courtney - FSIS>establishments must share the results of their paired samples</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19622-3

01:23:58.991 --> 01:24:00.799

<v Amundson, Courtney - FSIS>electronically with FSIS each month.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19643-0

01:24:01.889 --> 01:24:04.169

<v Amundson, Courtney - FSIS>For most establishments, this will be four or fewer samples</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19643-1

01:24:04.169 --> 01:24:04.549

<v Amundson, Courtney - FSIS>per month.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19681-0

01:24:05.349 --> 01:24:08.707

<v Amundson, Courtney - FSIS>These can be entered through the external lab results system or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19681-1

01:24:08.707 --> 01:24:11.489

<v Amundson, Courtney - FSIS>Elers portal, or uploaded using a provided template.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19731-0

01:24:15.169 --> 01:24:17.688

<v Amundson, Courtney - FSIS>As I mentioned earlier in this talk, the Cpl SM document</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19731-1

01:24:17.688 --> 01:24:20.429

<v Amundson, Courtney - FSIS>provided the Technical Support for the recommendations of our</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19731-2

01:24:20.429 --> 01:24:21.269

<v Amundson, Courtney - FSIS>Safe Harbor method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19778-0

01:24:21.669 --> 01:24:24.859

<v Amundson, Courtney - FSIS>The primary way we created recommendations was by analyzing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19778-1

01:24:24.859 --> 01:24:27.837

<v Amundson, Courtney - FSIS>FSI as data from the young carcass or the young chicken</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19778-2

01:24:27.837 --> 01:24:29.699

<v Amundson, Courtney - FSIS>carcass is glory sampling program.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19886-0

01:24:29.709 --> 01:24:32.946

<v Amundson, Courtney - FSIS>That bill went over earlier, conducted in 2022 and through</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19886-1

01:24:32.946 --> 01:24:36.183

<v Amundson, Courtney - FSIS>industry data voluntarily shared as part of the Salmonella</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19886-2

01:24:36.183 --> 01:24:39.585

<v Amundson, Courtney - FSIS>initiative program or SIP, and these data sets we relied only</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19886-3

01:24:39.585 --> 01:24:42.767

<v Amundson, Courtney - FSIS>on data collected during the rehang and post chill, which</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19886-4

01:24:42.767 --> 01:24:46.279

<v Amundson, Courtney - FSIS>resulted in approximately 45,000 samples at 200 establishments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19941-0

01:24:47.489 --> 01:24:50.933

<v Amundson, Courtney - FSIS>We conducted various analysis to help inform recommendations for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19941-1

01:24:50.933 --> 01:24:53.795

<v Amundson, Courtney - FSIS>the microbial monitoring Organism, minimum monitoring</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19941-2

01:24:53.795 --> 01:24:56.763

<v Amundson, Courtney - FSIS>periods, minimum LOL and the minimum Cpl needed to make</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19941-3

01:24:56.763 --> 01:24:57.929

<v Amundson, Courtney - FSIS>statistical inference.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/19955-0

01:25:00.999 --> 01:25:02.269

<v Amundson, Courtney - FSIS>We examined aerobic counts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20062-0

01:25:02.379 --> 01:25:06.003

<v Amundson, Courtney - FSIS>Antibacteria CA and qualitative salmonella as possible indicator</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20062-1

01:25:06.003 --> 01:25:09.628

<v Amundson, Courtney - FSIS>organisms of those, only EC had enough values above the level of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20062-2

01:25:09.628 --> 01:25:13.196

<v Amundson, Courtney - FSIS>quantification at post Jill to be useful for monitoring process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20062-3

01:25:13.196 --> 01:25:16.375

<v Amundson, Courtney - FSIS>control using this method as including too many sensed</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20062-4

01:25:16.375 --> 01:25:19.999

<v Amundson, Courtney - FSIS>results or those below the limit of quantification can result in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20062-5

01:25:19.999 --> 01:25:20.669

<v Amundson, Courtney - FSIS>skewed data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20080-0

01:25:20.739 --> 01:25:22.639

<v Amundson, Courtney - FSIS>So we went with AC for the Safe Harbor method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20189-0

01:25:25.939 --> 01:25:30.431

<v Amundson, Courtney - FSIS>As part of nine CFR 381.65, G, FSIS expects establishments will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20189-1

01:25:30.431 --> 01:25:34.572

<v Amundson, Courtney - FSIS>collect based on volume a

minimum of 1352 are greater than</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20189-2

01:25:34.572 --> 01:25:38.363

<v Amundson, Courtney - FSIS>52 samples per year for establishments subject to the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20189-3

01:25:38.363 --> 01:25:40.399

<v Amundson, Courtney - FSIS>once per 22,000 or 3000 head.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20232-0

01:25:41.339 --> 01:25:45.150

<v Amundson, Courtney - FSIS>All establishments could detect a 5% drop in log AC reduction</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20232-1

01:25:45.150 --> 01:25:46.749

<v Amundson, Courtney - FSIS>with at least 140 samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20322-0

01:25:47.599 --> 01:25:50.458

<v Amundson, Courtney - FSIS>Most establishments I've felt producing at that level</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20322-1

01:25:50.458 --> 01:25:53.635

<v Amundson, Courtney - FSIS>collected 140 samples within a single month of sampling, so</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20322-2

01:25:53.635 --> 01:25:56.389

<v Amundson, Courtney - FSIS>therefore we used 140 sample window for high volume</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20322-3

01:25:56.389 --> 01:25:59.566

<v Amundson, Courtney - FSIS>establishments as the minimum monitoring window in which to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20322-4

01:25:59.566 --> 01:26:01.049

<v Amundson, Courtney - FSIS>evaluate trends in the data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20360-0

01:26:04.829 --> 01:26:07.855

<v Amundson, Courtney - FSIS>Our ability to detect trends varies by sampling frequency and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20360-1

01:26:07.855 --> 01:26:09.369

<v Amundson, Courtney - FSIS>the associated sampling window.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-0

01:26:10.579 --> 01:26:14.046

<v Amundson, Courtney - FSIS>For establishments, collecting 13 samples annually or during</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-1

01:26:14.046 --> 01:26:17.343

<v Amundson, Courtney - FSIS>any period of continuous operation, establishments cannot</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-2

01:26:17.343 --> 01:26:20.640

<v Amundson, Courtney - FSIS>statistically detect a decrease in log AC beyond would be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-3

01:26:20.640 --> 01:26:24.164

<v Amundson, Courtney - FSIS>expected by chance, and a weekly or 52 sample window over one</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-4

01:26:24.164 --> 01:26:27.689

<v Amundson, Courtney - FSIS>year could reliably detect, at minimum a 50% change in log AC</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-5

01:26:27.689 --> 01:26:31.043

<v Amundson, Courtney - FSIS>reduction establishments with greater than weekly sampling</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-6

01:26:31.043 --> 01:26:34.737

<v Amundson, Courtney - FSIS>could reliably detect at least a 23% decline in log AC reduction</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20515-7

01:26:34.737 --> 01:26:36.159

<v Amundson, Courtney - FSIS>over the sampling period.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20547-0

01:26:36.469 --> 01:26:38.455

<v Amundson, Courtney - FSIS>Additionally, these establishments, as mentioned</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20547-1

01:26:38.455 --> 01:26:40.279

<v Amundson, Courtney - FSIS>before, could detect changes as small as 5%.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20594-0

01:26:44.689 --> 01:26:48.009

<v Amundson, Courtney - FSIS>So for the lower specification limit, we recommend a minimum of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20594-1

01:26:48.009 --> 01:26:50.759

<v Amundson, Courtney - FSIS>one log reduction in AC between rehang and post gel.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20705-0

01:26:50.949 --> 01:26:54.181

<v Amundson, Courtney - FSIS>This is not only a generally accepted minimum bound in the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20705-1

01:26:54.181 --> 01:26:57.522

<v Amundson, Courtney - FSIS>scientific literature, but as discussed in the proposed rule</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20705-2

01:26:57.522 --> 01:27:01.138

<v Amundson, Courtney - FSIS>at the minimum sample collection points and frequency required in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20705-3

01:27:01.138 --> 01:27:04.206

<v Amundson, Courtney - FSIS>nine CFR 381.65, there's insufficient statistical power</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20705-4

01:27:04.206 --> 01:27:07.054

<v Amundson, Courtney - FSIS>to accurately measure differences less than one log</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20705-5

01:27:07.054 --> 01:27:07.219

<v Amundson, Courtney - FSIS>AC.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20779-0

01:27:07.649 --> 01:27:10.538

<v Amundson, Courtney - FSIS>So in other words, we're reasonably confident that if you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20779-1

01:27:10.538 --> 01:27:13.676

<v Amundson, Courtney - FSIS>have a value of at least one log AC that you're illustrating a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20779-2

01:27:13.676 --> 01:27:16.466

<v Amundson, Courtney - FSIS>meaningful reduction below that paired samples could be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20779-3

01:27:16.466 --> 01:27:18.359

<v Amundson, Courtney - FSIS>equivalent given our margin of error.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20844-0

01:27:19.929 --> 01:27:22.687

<v Amundson, Courtney - FSIS>Firstly, all establishments in our data set had mean log AC</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20844-1

01:27:22.687 --> 01:27:25.538

<v Amundson, Courtney - FSIS>reductions greater than one and the mean was almost three, so</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20844-2

01:27:25.538 --> 01:27:28.159

<v Amundson, Courtney - FSIS>establishments may want to choose a higher LSL to better</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20844-3

01:27:28.159 --> 01:27:29.539

<v Amundson, Courtney - FSIS>represent their own processes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20931-0

01:27:32.929 --> 01:27:36.088

<v Amundson, Courtney - FSIS>For Cpl, we conducted a simulation analysis using FSIS</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20931-1

01:27:36.088 --> 01:27:39.822

<v Amundson, Courtney - FSIS>data and industry data using the recommended sampling windows to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20931-2

01:27:39.822 --> 01:27:43.096

<v Amundson, Courtney - FSIS>determine the minimum Cpl at which 80% of establishments</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20931-3

01:27:43.096 --> 01:27:45.279

<v Amundson, Courtney - FSIS>detected change greater than the LSL.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20988-0

01:27:46.309 --> 01:27:52.598

<v Amundson, Courtney - FSIS>Those results suggest Cpl value your .3 for 13 samples, 0.39 for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/20988-1

01:27:52.598 --> 01:27:56.179

<v Amundson, Courtney - FSIS>52 samples and 0.42 for 140 samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21054-0

01:27:56.629 --> 01:27:59.575

<v Amundson, Courtney - FSIS>We then generalized our recommendations to be greater</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21054-1

01:27:59.575 --> 01:28:03.066

<v Amundson, Courtney - FSIS>than 0.3 for 52 or fewer samples per year, and 0.4 when greater</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21054-2

01:28:03.066 --> 01:28:05.249

<v Amundson, Courtney - FSIS>than 52 samples are collected annually.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21113-0

01:28:09.069 --> 01:28:12.072

<v Amundson, Courtney - FSIS>We didn't cover all the details provided in the Cpl SNM document</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21113-1

01:28:12.072 --> 01:28:14.845

<v Amundson, Courtney - FSIS>in this presentation, but in general, these are the physios</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21113-2

01:28:14.845 --> 01:28:16.879

<v Amundson, Courtney - FSIS>recommendations for the Safe Harbor method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21122-0

01:28:18.749 --> 01:28:20.439

<v Amundson, Courtney - FSIS>First, collect paired carcass.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21208-0

01:28:20.449 --> 01:28:25.194

<v Amundson, Courtney - FSIS>Rinse or sponge samples at rehang and post chill to collect</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21208-1

01:28:25.194 --> 01:28:29.861

<v Amundson, Courtney - FSIS>AC as indicated Organism or use AC as indicated Organism 3</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21208-2

01:28:29.861 --> 01:28:34.132

<v Amundson, Courtney - FSIS>collect at the minimum frequencies prescribed in nine</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21208-3

01:28:34.132 --> 01:28:35.319

<v Amundson, Courtney - FSIS>CFR 381.65 G 4.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21317-0

01:28:35.569 --> 01:28:39.958

<v Amundson, Courtney - FSIS>The find the expected target range target change parameter L</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21317-1

01:28:39.958 --> 01:28:44.419

<v Amundson, Courtney - FSIS>of any value one or greater 5 to find the Cpl as greater than</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21317-2

01:28:44.419 --> 01:28:48.808

<v Amundson, Courtney - FSIS>0.34 establishments collecting less than 52 samples per year</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21317-3

01:28:48.808 --> 01:28:53.269

<v Amundson, Courtney - FSIS>and greater than 0.4 or higher for higher sampling rates next</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21317-4

01:28:53.269 --> 01:28:56.219

<v Amundson, Courtney - FSIS>to find their rolling monitoring period.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21391-0

01:28:56.229 --> 01:28:59.516

<v Amundson, Courtney - FSIS>Sample size is applicable to the slaughter volume of the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21391-1

01:28:59.516 --> 01:29:02.803

<v Amundson, Courtney - FSIS>predominant species, so 52 weeks for very low volume and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21391-2

01:29:02.803 --> 01:29:06.147

<v Amundson, Courtney - FSIS>whichever is shortest 140 pairs or 52 weeks for all other</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21391-3

01:29:06.147 --> 01:29:06.609

<v Amundson, Courtney - FSIS>volumes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21423-0

01:29:08.239 --> 01:29:10.642

<v Amundson, Courtney - FSIS>Data should approximate the normal distribution and be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21423-1

01:29:10.642 --> 01:29:13.089

<v Amundson, Courtney - FSIS>reviewed regularly to ensure data meet this assumption.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21525-0

01:29:13.419 --> 01:29:16.768

<v Amundson, Courtney - FSIS>That said, FIS understands that not all establishments process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21525-1

01:29:16.768 --> 01:29:19.851

<v Amundson, Courtney - FSIS>data may follow a normal distribution, and when using the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21525-2
01:29:19.851 --> 01:29:23.307

<v Amundson, Courtney - FSIS>Cpl SMM exactly as prescribed as a safe harbor, there is no FSIS</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21525-3
01:29:23.307 --> 01:29:25.752
<v Amundson, Courtney - FSIS>expectation that the establishment identifies</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21525-4
01:29:25.752 --> 01:29:28.783
<v Amundson, Courtney - FSIS>statistical method that is appropriate for nonparametric</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21525-5
01:29:28.783 --> 01:29:29.049
<v Amundson, Courtney - FSIS>data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21557-0
01:29:30.209 --> 01:29:34.204
<v Amundson, Courtney - FSIS>Normality may be especially tough to reach for when you only</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21557-1
01:29:34.204 --> 01:29:35.449
<v Amundson, Courtney - FSIS>have a few samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21585-0
01:29:35.489 --> 01:29:39.719
<v Amundson, Courtney - FSIS>So often the solution for the deviation from normality is just</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21585-1
01:29:39.719 --> 01:29:41.129
<v Amundson, Courtney - FSIS>to collect more data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21618-0
01:29:42.339 --> 01:29:45.362
<v Amundson, Courtney - FSIS>Establishments are required to continually assess the adequacy</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21618-1
01:29:45.362 --> 01:29:48.097
<v Amundson, Courtney - FSIS>of their empty their microbial monitoring plan, at least</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21618-2
01:29:48.097 --> 01:29:48.529
<v Amundson, Courtney - FSIS>annually.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21666-0

01:29:50.759 --> 01:29:54.005

<v Amundson, Courtney - FSIS>So I think the plan is I'm gonna go through are the next</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21666-1

01:29:54.005 --> 01:29:57.423

<v Amundson, Courtney - FSIS>presentation and then we'll have a long question and answer</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21666-2

01:29:57.423 --> 01:29:58.449

<v Amundson, Courtney - FSIS>period after that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21705-0

01:29:58.499 --> 01:30:03.117

<v Amundson, Courtney - FSIS>So if you have questions, hang on to them for right now or you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21705-1

01:30:03.117 --> 01:30:06.049

<v Amundson, Courtney - FSIS>can submit them to regulations.gov, OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21725-0

01:30:08.149 --> 01:30:12.519

<v Amundson, Courtney - FSIS>So I'm going to switch gears here for a second.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21734-0

01:30:14.709 --> 01:30:15.799

<v Amundson, Courtney - FSIS>Pull up my other presentation.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21740-0

01:30:39.919 --> 01:30:40.319

<v Amundson, Courtney - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21823-0

01:30:42.239 --> 01:30:45.113

<v Amundson, Courtney - FSIS>So now that I provide an overview of the lower capability</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21823-1

01:30:45.113 --> 01:30:47.987

<v Amundson, Courtney - FSIS>process index, statistical measurement model or CPSM, I'd</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21823-2

01:30:47.987 --> 01:30:50.763

<v Amundson, Courtney - FSIS>like to go over a spreadsheet tool we developed to help</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21823-3

01:30:50.763 --> 01:30:53.885

<v Amundson, Courtney - FSIS>establishments visualize their process control status relative</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21823-4
01:30:53.885 --> 01:30:54.579

<v Amundson, Courtney - FSIS>to the Cpl SM.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21877-0
01:30:58.009 --> 01:31:00.664

<v Amundson, Courtney - FSIS>That the objective of this tool is to assist establishments in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21877-1
01:31:00.664 --> 01:31:03.151

<v Amundson, Courtney - FSIS>meeting monitoring, process control compliance as proposed</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21877-2
01:31:03.151 --> 01:31:05.469

<v Amundson, Courtney - FSIS>and the salmonella framework for raw poultry products.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21955-0
01:31:08.469 --> 01:31:10.970

<v Amundson, Courtney - FSIS>And the CPU LSM tool specifically provides a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21955-1
01:31:10.970 --> 01:31:13.861

<v Amundson, Courtney - FSIS>spreadsheet for entering industry collected process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21955-2
01:31:13.861 --> 01:31:17.364

<v Amundson, Courtney - FSIS>control monitoring data in the same format as required for the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21955-3
01:31:17.364 --> 01:31:20.477

<v Amundson, Courtney - FSIS>External Lab reporting system ELLARS upload and monthly</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21955-4
01:31:20.477 --> 01:31:21.089

<v Amundson, Courtney - FSIS>submission.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21987-0
01:31:22.109 --> 01:31:24.961

<v Amundson, Courtney - FSIS>The LRS is referred to as the portal or electronic submission</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/21987-1
01:31:24.961 --> 01:31:26.249

<v Amundson, Courtney - FSIS>system in the proposed rule.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22028-0
01:31:27.609 --> 01:31:31.147
<v Amundson, Courtney - FSIS>The tool also provides summary metrics for all data and the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22028-1
01:31:31.147 --> 01:31:33.979
<v Amundson, Courtney - FSIS>most recent 140 samples, with customizable Cpl.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22093-0
01:31:34.889 --> 01:31:38.689
<v Amundson, Courtney - FSIS>It also provides rolling window plots for the most recent 1352</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22093-1
01:31:38.689 --> 01:31:42.308
<v Amundson, Courtney - FSIS>and 140 samples for both a difference in log AC values from</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22093-2
01:31:42.308 --> 01:31:44.419
<v Amundson, Courtney - FSIS>reaching to postal and Cpl values.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22116-0
01:31:50.249 --> 01:31:51.859
<v Amundson, Courtney - FSIS>And now we can kind of get in the nuts and bolts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22150-0
01:31:51.869 --> 01:31:55.150
<v Amundson, Courtney - FSIS>So there are several tabs in the tool that we can be grouped</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22150-1
01:31:55.150 --> 01:31:56.119
<v Amundson, Courtney - FSIS>based on function.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22181-0
01:31:56.369 --> 01:31:58.689
<v Amundson, Courtney - FSIS>The first provides instructions for how to enter data and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22181-1
01:31:58.689 --> 01:32:00.169
<v Amundson, Courtney - FSIS>interpret data summaries and charts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22233-0
01:32:01.119 --> 01:32:04.430
<v Amundson, Courtney - FSIS>The second group is data entry where you can enter your testing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22233-1

01:32:04.430 --> 01:32:07.483

<v Amundson, Courtney - FSIS>results, then two tabs to summarize the data and check for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22233-2

01:32:07.483 --> 01:32:08.829

<v Amundson, Courtney - FSIS>normality and then charts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22274-0

01:32:08.839 --> 01:32:13.189

<v Amundson, Courtney - FSIS>So both AC and Cpl charts are provided for 1352 and 140.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22278-0

01:32:13.199 --> 01:32:13.799

<v Amundson, Courtney - FSIS>Sample windows.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22335-0

01:32:14.829 --> 01:32:17.803

<v Amundson, Courtney - FSIS>Encourage users users to use all the charts regardless of their</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22335-1

01:32:17.803 --> 01:32:20.545

<v Amundson, Courtney - FSIS>prescribed sampling frequency, as patterns can emerge over</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22335-2

01:32:20.545 --> 01:32:23.426

<v Amundson, Courtney - FSIS>various different patterns can emerge over various periods of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22335-3

01:32:23.426 --> 01:32:23.659

<v Amundson, Courtney - FSIS>time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22358-0

01:32:24.469 --> 01:32:26.489

<v Amundson, Courtney - FSIS>So I'll go over to each section and then we'll go through.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22384-0

01:32:26.499 --> 01:32:28.866

<v Amundson, Courtney - FSIS>We'll get into the tool itself and do a brief walk through</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22384-1

01:32:28.866 --> 01:32:29.829

<v Amundson, Courtney - FSIS>depending how much time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22400-0

01:32:30.669 --> 01:32:32.829

<v Amundson, Courtney - FSIS>Uh, we have, which I think we're good on time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22447-0

01:32:36.039 --> 01:32:39.225

<v Amundson, Courtney - FSIS>A couple notes about downloading and opening the tools so it does</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22447-1

01:32:39.225 --> 01:32:42.171

<v Amundson, Courtney - FSIS>require Microsoft Excel 2019 or greater because it relies on</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22447-2

01:32:42.171 --> 01:32:42.509

<v Amundson, Courtney - FSIS>macros.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22535-0

01:32:44.639 --> 01:32:47.734

<v Amundson, Courtney - FSIS>Freeware spreadsheet software can't accommodate excel macros,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22535-1

01:32:47.734 --> 01:32:50.928

<v Amundson, Courtney - FSIS>so the charges, the charts and summaries will not auto populate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22535-2

01:32:50.928 --> 01:32:53.624

<v Amundson, Courtney - FSIS>if you aren't using the appropriate versions that you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22535-3

01:32:53.624 --> 01:32:56.469

<v Amundson, Courtney - FSIS>have a newer version of Excel, then save the file before</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22535-4

01:32:56.469 --> 01:32:56.869

<v Amundson, Courtney - FSIS>opening.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22574-0

01:32:56.879 --> 01:33:00.362

<v Amundson, Courtney - FSIS>Don't open from the link on the website when you open the file,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22574-1

01:33:00.362 --> 01:33:02.539

<v Amundson, Courtney - FSIS>you'll need to click on enable content.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22627-0

01:33:04.249 --> 01:33:07.782

<v Amundson, Courtney - FSIS>This right here you'll get a

little banner and when it and if</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22627-1

01:33:07.782 --> 01:33:11.372

<v Amundson, Courtney - FSIS>it asks you to make it a trusted document, do so to enable all</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22627-2

01:33:11.372 --> 01:33:11.999

<v Amundson, Courtney - FSIS>the macros.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22660-0

01:33:13.779 --> 01:33:16.044

<v Amundson, Courtney - FSIS>Once you have it open, you'll see several tabs across the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22660-1

01:33:16.044 --> 01:33:17.099

<v Amundson, Courtney - FSIS>bottom and your first task.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22693-0

01:33:18.159 --> 01:33:21.261

<v Amundson, Courtney - FSIS>It's a read through the README, interpret AC charts, and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22693-1

01:33:21.261 --> 01:33:23.819

<v Amundson, Courtney - FSIS>interpret sipprelle Cpl charts tabs carefully.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22744-0

01:33:24.299 --> 01:33:27.015

<v Amundson, Courtney - FSIS>These will hopefully provide the instructions and guidance needed</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22744-1

01:33:27.015 --> 01:33:29.484

<v Amundson, Courtney - FSIS>to enter your own data and interpret the charts in order to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22744-2

01:33:29.484 --> 01:33:31.419

<v Amundson, Courtney - FSIS>monitor process control at your establishment.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22792-0

01:33:34.629 --> 01:33:37.246

<v Amundson, Courtney - FSIS>Once you have read through all the instructions a couple times,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22792-1

01:33:37.246 --> 01:33:39.823

<v Amundson, Courtney - FSIS>you can start entering your own data or cut and paste from the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22792-2
01:33:39.823 --> 01:33:40.519
<v Amundson, Courtney - FSIS>elders templates.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22836-0
01:33:40.949 --> 01:33:43.235
<v Amundson, Courtney - FSIS>There are a few really important things to note about how data</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22836-1
01:33:43.235 --> 01:33:45.086
<v Amundson, Courtney - FSIS>need to be entered for the charts to auto populate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22836-2
01:33:45.086 --> 01:33:45.449
<v Amundson, Courtney - FSIS>correctly.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22856-0
01:33:47.149 --> 01:33:50.899
<v Amundson, Courtney - FSIS>Data are entered on the enter, enter test results tab.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22901-0
01:33:51.129 --> 01:33:53.553
<v Amundson, Courtney - FSIS>Once on that spreadsheet, data need to be entered</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22901-1
01:33:53.553 --> 01:33:56.463
<v Amundson, Courtney - FSIS>chronologically, which means start with the oldest data 1st</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22901-2
01:33:56.463 --> 01:33:58.209
<v Amundson, Courtney - FSIS>and end with the most recent dates.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22970-0
01:33:58.219 --> 01:34:01.417
<v Amundson, Courtney - FSIS>Follow a month day, year format and each sample set meaning</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22970-1
01:34:01.417 --> 01:34:04.883
<v Amundson, Courtney - FSIS>rehang and post cell sample from the same lot must have a unique</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/22970-2
01:34:04.883 --> 01:34:07.869
<v Amundson, Courtney - FSIS>alphanumeric identifier that identifies them as a pair.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23007-0

01:34:07.879 --> 01:34:11.669

<v Amundson, Courtney - FSIS>For example, ABC one would be linked to a rehang and postal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23007-1

01:34:11.669 --> 01:34:13.249

<v Amundson, Courtney - FSIS>sample from the same lot.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23052-0

01:34:14.699 --> 01:34:18.795

<v Amundson, Courtney - FSIS>The tool contains example data for demonstrations, so you'll</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23052-1

01:34:18.795 --> 01:34:22.489

<v Amundson, Courtney - FSIS>want to delete or clear contents those their contents.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23117-0

01:34:22.499 --> 01:34:26.506

<v Amundson, Courtney - FSIS>Those data before entering your own and it's important to note</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23117-1

01:34:26.506 --> 01:34:30.385

<v Amundson, Courtney - FSIS>that you need to refresh all under the data tab, so you just</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23117-2

01:34:30.385 --> 01:34:34.329

<v Amundson, Courtney - FSIS>go to data refresh all in order to see changes in data entry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23124-0

01:34:34.649 --> 01:34:36.609

<v Amundson, Courtney - FSIS>Otherwise the charts won't update.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23176-0

01:34:37.919 --> 01:34:41.245

<v Amundson, Courtney - FSIS>Also, if you enter data in your elders templates first or any</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23176-1

01:34:41.245 --> 01:34:44.572

<v Amundson, Courtney - FSIS>other Excel sheet and paste in the tool, drop down menus will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23176-2

01:34:44.572 --> 01:34:45.109

<v Amundson, Courtney - FSIS>disappear.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23199-0

01:34:45.459 --> 01:34:48.133

<v Amundson, Courtney - FSIS>As far as I know, this is just a thing with Excel and I don't</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23199-1

01:34:48.133 --> 01:34:48.349

<v Amundson, Courtney - FSIS>know.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23242-0

01:34:48.359 --> 01:34:50.650

<v Amundson, Courtney - FSIS>I don't currently know of any work around, but if you do, feel</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23242-1

01:34:50.650 --> 01:34:52.069

<v Amundson, Courtney - FSIS>free to leave a comment that be great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23278-0

01:34:53.659 --> 01:34:57.487

<v Amundson, Courtney - FSIS>The fields on the sheet mimic fields on the yellers templates</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23278-1

01:34:57.487 --> 01:35:00.699

<v Amundson, Courtney - FSIS>provided for monthly upload or entry in the portal.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23305-0

01:35:00.829 --> 01:35:03.913

<v Amundson, Courtney - FSIS>I want to be really clear this tool is an optional spreadsheet</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23305-1

01:35:03.913 --> 01:35:04.599

<v Amundson, Courtney - FSIS>establishment.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23395-0

01:35:04.609 --> 01:35:08.358

<v Amundson, Courtney - FSIS>Employees can or IP can use to monitor their process control</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23395-1

01:35:08.358 --> 01:35:11.984

<v Amundson, Courtney - FSIS>relative to the CPU, LSM or provide records for viewing to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23395-2

01:35:11.984 --> 01:35:15.978

<v Amundson, Courtney - FSIS>IP even if you're using the Cpl SMM as a Safe Harbor method, you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23395-3

01:35:15.978 --> 01:35:19.359

<v Amundson, Courtney - FSIS>don't have to use this tool to visualize your results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23412-0

01:35:19.809 --> 01:35:21.739

<v Amundson, Courtney - FSIS>You can do that however you want.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23444-0

01:35:22.189 --> 01:35:25.826

<v Amundson, Courtney - FSIS>We provide this only to, uh, take most of the work out of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23444-1

01:35:25.826 --> 01:35:27.519

<v Amundson, Courtney - FSIS>monitoring process control.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23508-0

01:35:27.569 --> 01:35:30.782

<v Amundson, Courtney - FSIS>Under the proposed changes, additionally, this tool is not</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23508-1

01:35:30.782 --> 01:35:34.050

<v Amundson, Courtney - FSIS>part of the elders portal and you will need to use separate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23508-2

01:35:34.050 --> 01:35:36.719

<v Amundson, Courtney - FSIS>data templates to upload data to FSI as monthly.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23583-0

01:35:37.169 --> 01:35:40.205

<v Amundson, Courtney - FSIS>So the way this will likely work is you'll enter the required</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23583-1

01:35:40.205 --> 01:35:42.997

<v Amundson, Courtney - FSIS>information on the elders templates spreadsheets and you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23583-2

01:35:42.997 --> 01:35:45.545

<v Amundson, Courtney - FSIS>can cut and paste rows from select columns in those</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23583-3

01:35:45.545 --> 01:35:48.239

<v Amundson, Courtney - FSIS>templates to this tool to provide your visualizations.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23629-0

01:35:53.079 --> 01:35:56.160

<v Amundson, Courtney - FSIS>Now that we have some data entered, hypothetically we can</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23629-1
01:35:56.160 --> 01:35:59.349

<v Amundson, Courtney - FSIS>look at a recent summary of the data on the EC results tab.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23639-0
01:35:59.699 --> 01:36:01.249

<v Amundson, Courtney - FSIS>This tab serves 2 purposes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23727-0
01:36:01.259 --> 01:36:04.745

<v Amundson, Courtney - FSIS>It is where establishments can customize the LSL and Cpl by</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23727-1
01:36:04.745 --> 01:36:08.406

<v Amundson, Courtney - FSIS>changing the values here, and you can also see some metrics of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23727-2
01:36:08.406 --> 01:36:11.834

<v Amundson, Courtney - FSIS>of your data O across the top you will see the most recent</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23727-3
01:36:11.834 --> 01:36:15.089

<v Amundson, Courtney - FSIS>month year of the data, so here it's September of 2022.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23750-0
01:36:16.039 --> 01:36:18.549

<v Amundson, Courtney - FSIS>This can be helpful to ensure new data were entered correctly.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23788-0
01:36:18.859 --> 01:36:22.671

<v Amundson, Courtney - FSIS>It also provides the most recent sample result and then fields</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23788-1
01:36:22.671 --> 01:36:24.789

<v Amundson, Courtney - FSIS>where you can enter the L and Cpl.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23818-0
01:36:24.839 --> 01:36:28.349

<v Amundson, Courtney - FSIS>Here we used the Cpl SMM recommendations of one and 0.4.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23841-0
01:36:29.649 --> 01:36:32.429

<v Amundson, Courtney - FSIS>Subsequent columns show the number of samples in the overall</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23841-1
01:36:32.429 --> 01:36:32.749

<v Amundson, Courtney - FSIS>sample.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23862-0
01:36:32.829 --> 01:36:35.429

<v Amundson, Courtney - FSIS>The overall and sample specific mean and standard deviation.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23925-0
01:36:36.739 --> 01:36:40.114

<v Amundson, Courtney - FSIS>It provides the 95% lower confidence interval LCI for the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23925-1
01:36:40.114 --> 01:36:43.605

<v Amundson, Courtney - FSIS>change in log AC and some other metrics like the percent of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23925-2
01:36:43.605 --> 01:36:47.039

<v Amundson, Courtney - FSIS>samples greater than 3 standard deviations below the mean.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23981-0
01:36:47.929 --> 01:36:51.089

<v Amundson, Courtney - FSIS>That means that a normally low result that warrants examination</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23981-1
01:36:51.089 --> 01:36:54.052

<v Amundson, Courtney - FSIS>and also the percent of samples below the L, which could be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/23981-2
01:36:54.052 --> 01:36:56.669

<v Amundson, Courtney - FSIS>another indicator that the data are worth reviewing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24001-0
01:36:58.069 --> 01:37:02.469

<v Amundson, Courtney - FSIS>The last column, column K is the Cpl value.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24039-0
01:37:02.719 --> 01:37:06.426

<v Amundson, Courtney - FSIS>We provide these metrics for all data, all the data and up to 140</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24039-1
01:37:06.426 --> 01:37:07.269

<v Amundson, Courtney - FSIS>recent samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24081-0

01:37:07.799 --> 01:37:11.675

<v Amundson, Courtney - FSIS>The most recent 140 samples, if you have fewer than 140 samples,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24081-1

01:37:11.675 --> 01:37:14.239

<v Amundson, Courtney - FSIS>these rows 3:00 and 4:00 will be the same.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24123-0

01:37:19.219 --> 01:37:21.565

<v Amundson, Courtney - FSIS>If ISIS also provides an illustration for weather and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24123-1

01:37:21.565 --> 01:37:23.694

<v Amundson, Courtney - FSIS>establishments, data is approximating the normal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24123-2

01:37:23.694 --> 01:37:24.259

<v Amundson, Courtney - FSIS>distribution.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24133-0

01:37:25.889 --> 01:37:26.549

<v Amundson, Courtney - FSIS>What does that mean?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24174-0

01:37:26.559 --> 01:37:30.612

<v Amundson, Courtney - FSIS>So for the black dotted line here in this case represents the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24174-1

01:37:30.612 --> 01:37:33.489

<v Amundson, Courtney - FSIS>distribution for approximately normal data.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24194-0

01:37:33.979 --> 01:37:37.309

<v Amundson, Courtney - FSIS>The Orange Line represents the establishments data here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24206-0

01:37:37.319 --> 01:37:40.239

<v Amundson, Courtney - FSIS>The Orange Line approximates the normal distribution well.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24251-0

01:37:42.729 --> 01:37:45.679

<v Amundson, Courtney - FSIS>If your line looks more like a VIS, if the pattern looks</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24251-1
01:37:45.679 --> 01:37:48.319
<v Amundson, Courtney - FSIS>something like this, then the data are not normal.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24323-0
01:37:48.669 --> 01:37:51.075
<v Amundson, Courtney - FSIS>But as mentioned in the previous talk, statistical process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24323-1
01:37:51.075 --> 01:37:53.359
<v Amundson, Courtney - FSIS>control methods exist for nonnormal data, but as of now</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24323-2
01:37:53.359 --> 01:37:56.011
<v Amundson, Courtney - FSIS>we're not providing guidance on those methods and establishments</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24323-3
01:37:56.011 --> 01:37:57.969
<v Amundson, Courtney - FSIS>are not required to show their data are normal.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24339-0
01:37:59.059 --> 01:38:00.459
<v Amundson, Courtney - FSIS>The issue is not meeting the assumption.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24370-0
01:38:00.469 --> 01:38:02.972
<v Amundson, Courtney - FSIS>Normality is that it may underestimate the variance of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24370-1
01:38:02.972 --> 01:38:04.929
<v Amundson, Courtney - FSIS>the data and can skew the the Cpl results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24466-0
01:38:04.939 --> 01:38:08.396
<v Amundson, Courtney - FSIS>So you should be cautious interpreting any statistical</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24466-1
01:38:08.396 --> 01:38:12.105
<v Amundson, Courtney - FSIS>tests or Cpl values if data deviates severely from normal,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24466-2
01:38:12.105 --> 01:38:16.002
<v Amundson, Courtney - FSIS>even if data are not normal,

looking at changes in EC through</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24466-3

01:38:16.002 --> 01:38:20.151

<v Amundson, Courtney - FSIS>time will provide a useful index of process control and Cpl or CP</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24466-4

01:38:20.151 --> 01:38:21.849

<v Amundson, Courtney - FSIS>values likely well as well.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24485-0

01:38:22.679 --> 01:38:24.379

<v Amundson, Courtney - FSIS>You just need to kind of have that in the back of your mind.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24496-0

01:38:26.989 --> 01:38:28.399

<v Amundson, Courtney - FSIS>Now to the charts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24535-0

01:38:28.409 --> 01:38:31.373

<v Amundson, Courtney - FSIS>So the tool contains auto populated charts representing</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24535-1

01:38:31.373 --> 01:38:34.179

<v Amundson, Courtney - FSIS>the difference in logged AC between rehang and post.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24587-0

01:38:34.189 --> 01:38:37.624

<v Amundson, Courtney - FSIS>Still, for the most recent 1352 and 140 samples, establishments</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24587-1

01:38:37.624 --> 01:38:40.899

<v Amundson, Courtney - FSIS>can use all three windows to monitor periods of performance.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24640-0

01:38:40.909 --> 01:38:44.199

<v Amundson, Courtney - FSIS>So similar to the last presentation, the shaded area</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24640-1

01:38:44.199 --> 01:38:47.861

<v Amundson, Courtney - FSIS>represents below the L here these are your data points and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24640-2

01:38:47.861 --> 01:38:50.469

<v Amundson, Courtney - FSIS>then it will provide a linear trend line.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24716-0

01:38:52.519 --> 01:38:56.659

<v Amundson, Courtney - FSIS>The same thing occurs for Cpl charts, so and I just want to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24716-1

01:38:56.659 --> 01:39:00.799

<v Amundson, Courtney - FSIS>reiterate that CPS has the advantage over the change in log</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24716-2

01:39:00.799 --> 01:39:05.077

<v Amundson, Courtney - FSIS>EC of accounting for the value and variance of the difference</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24716-3

01:39:05.077 --> 01:39:06.319

<v Amundson, Courtney - FSIS>in a single index.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24781-0

01:39:06.729 --> 01:39:10.442

<v Amundson, Courtney - FSIS>So basically each point here represents a rolling window of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24781-1

01:39:10.442 --> 01:39:14.341

<v Amundson, Courtney - FSIS>the most recent thirteen 52140 samples, and so they tend to be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24781-2

01:39:14.341 --> 01:39:16.569

<v Amundson, Courtney - FSIS>a little bit smoother through time.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24804-0

01:39:16.919 --> 01:39:21.080

<v Amundson, Courtney - FSIS>And this this shaded area represents areas below the Cpl</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24804-1

01:39:21.080 --> 01:39:22.029

<v Amundson, Courtney - FSIS>in this case.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24851-0

01:39:24.779 --> 01:39:28.999

<v Amundson, Courtney - FSIS>So now I'd like to walk you through the tool I am going to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24851-1

01:39:28.999 --> 01:39:32.719

<v Amundson, Courtney - FSIS>have to stop sharing for a second, so bear with me.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24856-0

01:39:33.959 --> 01:39:34.599

<v Amundson, Courtney - FSIS>I switch gears.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24861-0

01:39:46.289 --> 01:39:46.509

<v Amundson, Courtney - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24881-0

01:39:50.409 --> 01:39:52.429

<v Amundson, Courtney - FSIS>I'm just going to start from the very beginning here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24894-0

01:39:52.439 --> 01:39:53.509

<v Amundson, Courtney - FSIS>So you're going to see my home screen.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24925-0

01:39:57.449 --> 01:40:01.373

<v Amundson, Courtney - FSIS>Alright, I'm assuming everyone can see my screen unless I see</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24925-1

01:40:01.373 --> 01:40:02.639

<v Amundson, Courtney - FSIS>something that chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24937-0

01:40:03.829 --> 01:40:06.799

<v Amundson, Courtney - FSIS>OK, so I'm just going to uh.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24944-0

01:40:10.569 --> 01:40:12.109

<v Amundson, Courtney - FSIS>Open the spreadsheet.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24962-0

01:40:15.109 --> 01:40:16.989

<v Amundson, Courtney - FSIS>It's going to take a just a minute here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24975-0

01:40:25.629 --> 01:40:28.369

<v Amundson, Courtney - FSIS>Corset went to their own page.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/24984-0

01:40:35.369 --> 01:40:37.029

<v Amundson, Courtney - FSIS>OK, so here we are.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25003-0

01:40:38.819 --> 01:40:41.369

<v Amundson, Courtney - FSIS>So as I mentioned on the bottom.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25015-0

01:40:41.419 --> 01:40:43.189

<v Amundson, Courtney - FSIS>So so here's our banner.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25061-0

01:40:43.199 --> 01:40:46.056

<v Amundson, Courtney - FSIS>So security warning, you want to enable content and then at this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25061-1

01:40:46.056 --> 01:40:48.869

<v Amundson, Courtney - FSIS>pops up and says do you want to make a file a trusted document?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25090-0

01:40:48.879 --> 01:40:51.834

<v Amundson, Courtney - FSIS>This may be different on your computer, but for federal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25090-1

01:40:51.834 --> 01:40:53.999

<v Amundson, Courtney - FSIS>employees, that's typically what we get.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25111-0

01:40:56.459 --> 01:40:58.759

<v Amundson, Courtney - FSIS>And once you do that, you should be good to go.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25126-0

01:40:58.859 --> 01:41:00.439

<v Amundson, Courtney - FSIS>You've got all these tabs on the bottom here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25152-0

01:41:02.149 --> 01:41:04.519

<v Amundson, Courtney - FSIS>That I already kind of went through O the first one is this.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25169-0

01:41:04.529 --> 01:41:07.539

<v Amundson, Courtney - FSIS>Read me and this gives some caveats.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25183-0

01:41:07.549 --> 01:41:09.769

<v Amundson, Courtney - FSIS>It shows you how to enter data gives specific.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25211-0

01:41:12.469 --> 01:41:16.536

<v Amundson, Courtney - FSIS>Criteria for certain you know if you've got sensor data below a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25211-1

01:41:16.536 --> 01:41:20.032

<v Amundson, Courtney - FSIS>detection threshold, how to enter those data and other</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25211-2

01:41:20.032 --> 01:41:20.859

<v Amundson, Courtney - FSIS>instructions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25223-0

01:41:21.329 --> 01:41:22.399

<v Amundson, Courtney - FSIS>So you want to read through that?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25242-0

01:41:22.409 --> 01:41:25.889

<v Amundson, Courtney - FSIS>Here's how you more information on the AC charts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25245-0

01:41:28.019 --> 01:41:28.719

<v Amundson, Courtney - FSIS>So.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25287-0

01:41:31.079 --> 01:41:34.419

<v Amundson, Courtney - FSIS>You know what the the axes represent and how to interpret</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25287-1

01:41:34.419 --> 01:41:37.299

<v Amundson, Courtney - FSIS>them, so that goes for the AC and the Cpl charts.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25314-0

01:41:38.429 --> 01:41:41.521

<v Amundson, Courtney - FSIS>And here we get to the end where you are going to want to enter</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25314-1

01:41:41.521 --> 01:41:42.149

<v Amundson, Courtney - FSIS>test results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25373-0

01:41:43.989 --> 01:41:46.651

<v Amundson, Courtney - FSIS>And when you first open the tool, there are going to be data</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25373-1

01:41:46.651 --> 01:41:49.313

<v Amundson, Courtney - FSIS>already in there and this is just for demonstration purposes</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25373-2

01:41:49.313 --> 01:41:52.019

<v Amundson, Courtney - FSIS>so that you can see what the tabs, what the charts look like.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25448-0
01:41:52.109 --> 01:41:56.109
<v Amundson, Courtney - FSIS>So when you start entering your own data, you're going to want</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25448-1
01:41:56.109 --> 01:41:59.792
<v Amundson, Courtney - FSIS>to delete these or clear contents for these data, and you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25448-2
01:41:59.792 --> 01:42:03.539
<v Amundson, Courtney - FSIS>can see that right now we've got for several of the field.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25463-0
01:42:03.549 --> 01:42:05.559
<v Amundson, Courtney - FSIS>So here you want your collection date.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25522-0
01:42:05.749 --> 01:42:08.876
<v Amundson, Courtney - FSIS>They'll be notes on how you want to enter those data you want to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25522-1
01:42:08.876 --> 01:42:11.763
<v Amundson, Courtney - FSIS>enter your sample set, which is that unique pairing between</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25522-2
01:42:11.763 --> 01:42:13.399
<v Amundson, Courtney - FSIS>reading and postula, for example.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25531-0
01:42:13.409 --> 01:42:15.059
<v Amundson, Courtney - FSIS>This is 18254 A.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25562-0
01:42:15.069 --> 01:42:20.198
<v Amundson, Courtney - FSIS>This is 1824 A 4A for the REHANG and postal samples from the same</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25562-1
01:42:20.198 --> 01:42:20.509
<v Amundson, Courtney - FSIS>lot.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25598-0
01:42:20.779 --> 01:42:23.730
<v Amundson, Courtney - FSIS>And then there are some dropdown menus so you can this is will</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25598-1

01:42:23.730 --> 01:42:25.979

<v Amundson, Courtney - FSIS>only allow you to enter reading and post chill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25607-0

01:42:27.799 --> 01:42:28.679

<v Amundson, Courtney - FSIS>Sample ID.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25620-0

01:42:28.689 --> 01:42:31.529

<v Amundson, Courtney - FSIS>This can be like MFS IRS form ID.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25635-0

01:42:31.539 --> 01:42:34.073

<v Amundson, Courtney - FSIS>This can be whatever your labs use to identify a specific</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25635-1

01:42:34.073 --> 01:42:34.379

<v Amundson, Courtney - FSIS>sample.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25679-0

01:42:36.319 --> 01:42:39.767

<v Amundson, Courtney - FSIS>The analysis name so you can either have see a few program or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25679-1

01:42:39.767 --> 01:42:43.048

<v Amundson, Courtney - FSIS>see if you, per milliliter your results can be positive or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25679-2

01:42:43.048 --> 01:42:43.549

<v Amundson, Courtney - FSIS>negative.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25691-0

01:42:44.599 --> 01:42:46.299

<v Amundson, Courtney - FSIS>You're gonna want to enter your AC.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25694-0

01:42:48.599 --> 01:42:48.969

<v Amundson, Courtney - FSIS>Result.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25720-0

01:42:52.199 --> 01:42:54.329

<v Amundson, Courtney - FSIS>You a numerically and then you can see here the.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25740-0

01:42:54.339 --> 01:42:57.875

<v Amundson, Courtney - FSIS>So this value there's a

detection limit of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25740-1

01:42:57.875 --> 01:42:59.849

<v Amundson, Courtney - FSIS>quantification of of 10.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25837-0

01:42:59.959 --> 01:43:03.868

<v Amundson, Courtney - FSIS>See if you per milliliter and so this value was below that and so</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25837-1

01:43:03.868 --> 01:43:07.422

<v Amundson, Courtney - FSIS>this is how you would enter a value that's that's below the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25837-2

01:43:07.422 --> 01:43:11.331

<v Amundson, Courtney - FSIS>detection and what the tool will do is it just happens that value</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25837-3

01:43:11.331 --> 01:43:14.766

<v Amundson, Courtney - FSIS>and if it's over a detection threshold, it will I believe</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25837-4

01:43:14.766 --> 01:43:15.359

<v Amundson, Courtney - FSIS>double it.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25876-0

01:43:15.369 --> 01:43:20.056

<v Amundson, Courtney - FSIS>But I need to double check that off hand your result unit can be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25876-1

01:43:20.056 --> 01:43:22.509

<v Amundson, Courtney - FSIS>see if you program or milliliter.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25902-0

01:43:22.579 --> 01:43:26.155

<v Amundson, Courtney - FSIS>And then you've got your method name, which are one of these</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25902-1

01:43:26.155 --> 01:43:27.269

<v Amundson, Courtney - FSIS>particular options.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25910-0

01:43:28.139 --> 01:43:28.499

<v Amundson, Courtney - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25928-0

01:43:29.849 --> 01:43:33.199

<v Amundson, Courtney - FSIS>So that will go through and enter some results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25979-0

01:43:33.209 --> 01:43:39.523

<v Amundson, Courtney - FSIS>I just want to maybe briefly go through each tab first, so here</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/25979-1

01:43:39.523 --> 01:43:45.049

<v Amundson, Courtney - FSIS>this is the most recent month, year, September of 2022.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26006-0

01:43:45.059 --> 01:43:49.029

<v Amundson, Courtney - FSIS>Our most recent result was a log EC change of 1.98.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26109-0

01:43:49.039 --> 01:43:54.347

<v Amundson, Courtney - FSIS>While above the our current LSL, which is one 0.4, and you can</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26109-1

01:43:54.347 --> 01:43:59.318

<v Amundson, Courtney - FSIS>change these to be anything really, but obviously in order</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26109-2

01:43:59.318 --> 01:44:04.373

<v Amundson, Courtney - FSIS>to comply with the Cpl SMM balance, all needs to be greater</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26109-3

01:44:04.373 --> 01:44:09.345

<v Amundson, Courtney - FSIS>than or at least one, and the Cpl V4 or 0.4, these are our</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26109-4

01:44:09.345 --> 01:44:10.019

<v Amundson, Courtney - FSIS>results.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26127-0

01:44:10.069 --> 01:44:13.639

<v Amundson, Courtney - FSIS>So according to this, I wouldn't really.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26140-0

01:44:14.049 --> 01:44:15.819

<v Amundson, Courtney - FSIS>I'd be like, OK, we're looking pretty good, right?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26212-0

01:44:15.829 --> 01:44:20.358

<v Amundson, Courtney - FSIS>We don't have any samples within
um, most recent 140 that are the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26212-1

01:44:20.358 --> 01:44:24.681

<v Amundson, Courtney - FSIS>deviate strongly from the mean
or that are below the L and our</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26212-2

01:44:24.681 --> 01:44:27.769

<v Amundson, Courtney - FSIS>Cpl values are are well above
our threshold.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26216-0

01:44:28.119 --> 01:44:28.919

<v Amundson, Courtney - FSIS>Our threshold.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26224-0

01:44:30.219 --> 01:44:30.989

<v Amundson, Courtney - FSIS>Here's the start.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26274-0

01:44:30.999 --> 01:44:34.970

<v Amundson, Courtney - FSIS>Normal distribution plot, so our
data are approximating normal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26274-1

01:44:34.970 --> 01:44:38.690

<v Amundson, Courtney - FSIS>and so this orange line will
change depending on your data</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26274-2

01:44:38.690 --> 01:44:40.329

<v Amundson, Courtney - FSIS>and then you've got plots.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26298-0

01:44:40.339 --> 01:44:44.239

<v Amundson, Courtney - FSIS>So these are the for the most
recent 13 samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26325-0

01:44:44.249 --> 01:44:48.091

<v Amundson, Courtney - FSIS>This is what you're trend is
looking like for the log change</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26325-1

01:44:48.091 --> 01:44:48.469

<v Amundson, Courtney - FSIS>in AC.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26399-0

01:44:50.429 --> 01:44:53.719

<v Amundson, Courtney - FSIS>Here it is for 52 samples and
here's the most recent 140</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26399-1
01:44:53.719 --> 01:44:57.066
<v Amundson, Courtney - FSIS>samples and kind of the nice
thing about looking at these</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26399-2
01:44:57.066 --> 01:45:00.645
<v Amundson, Courtney - FSIS>plots is that you can see that
you know there are clusters in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26399-3
01:45:00.645 --> 01:45:02.839
<v Amundson, Courtney - FSIS>time for for when sampling may
occur.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26406-0
01:45:02.849 --> 01:45:03.169
<v Amundson, Courtney - FSIS>Right.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26441-0
01:45:03.179 --> 01:45:06.662
<v Amundson, Courtney - FSIS>And that depends on volume or
periods of operation, that kind</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26441-1
01:45:06.662 --> 01:45:09.921
<v Amundson, Courtney - FSIS>of thing for Cpl it's it's
similar, but you'll notice the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26441-2
01:45:09.921 --> 01:45:11.719
<v Amundson, Courtney - FSIS>lines are a little bit smoother.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26454-0
01:45:12.149 --> 01:45:15.959
<v Amundson, Courtney - FSIS>So these are for the most recent
13 sample windows.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26495-0
01:45:15.969 --> 01:45:19.619
<v Amundson, Courtney - FSIS>Here's 52 and for the most
recent 140, and that's really</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26495-1
01:45:19.619 --> 01:45:23.589
<v Amundson, Courtney - FSIS>the the the tool in a nutshell
is you enter your test results</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26495-2
01:45:23.589 --> 01:45:25.319
<v Amundson, Courtney - FSIS>and you look at some plots.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26500-0

01:45:25.329 --> 01:45:28.029

<v Amundson, Courtney - FSIS>At some plots, so I just want to.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26502-0

01:45:28.079 --> 01:45:28.179

<v Amundson, Courtney - FSIS>To.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26522-0

01:45:32.179 --> 01:45:34.051

<v Amundson, Courtney - FSIS>I guess I could ask for feedback, but we have time, so</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26522-1

01:45:34.051 --> 01:45:35.039

<v Amundson, Courtney - FSIS>I'm just going to go through.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26598-0

01:45:38.439 --> 01:45:43.046

<v Amundson, Courtney - FSIS>What it looks like to enter data briefly, so I'm going to not</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26598-1

01:45:43.046 --> 01:45:47.430

<v Amundson, Courtney - FSIS>delete all of these, but I am going to delete most of them</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26598-2

01:45:47.430 --> 01:45:51.889

<v Amundson, Courtney - FSIS>just for context so that we don't lose our drop down boxes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26621-0

01:45:53.869 --> 01:45:55.779

<v Amundson, Courtney - FSIS>So say we want to enter data and I'm just going to go through.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26633-0

01:45:57.069 --> 01:45:58.089

<v Amundson, Courtney - FSIS>Pardon me briefly into that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26679-0

01:45:59.679 --> 01:46:07.169

<v Amundson, Courtney - FSIS>So and you will get an error if you try and enter a date that is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26679-1

01:46:07.169 --> 01:46:11.549

<v Amundson, Courtney - FSIS>after today um and so you just enter.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26716-0

01:46:13.839 --> 01:46:18.320

<v Amundson, Courtney - FSIS>You're the date of the sample is

collected the unique sample set</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26716-1

01:46:18.320 --> 01:46:19.079

<v Amundson, Courtney - FSIS>identifier.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26736-0

01:46:19.249 --> 01:46:20.589

<v Amundson, Courtney - FSIS>This is going to be a postal sample.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26740-0

01:46:22.089 --> 01:46:25.009

<v Amundson, Courtney - FSIS>The sample ID.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26745-0

01:46:28.099 --> 01:46:28.799

<v Amundson, Courtney - FSIS>Right here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26761-0

01:46:28.839 --> 01:46:30.989

<v Amundson, Courtney - FSIS>It's going to be see if you per milliliter.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26776-0

01:46:33.599 --> 01:46:35.879

<v Amundson, Courtney - FSIS>It was positive for AC.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26780-0

01:46:40.289 --> 01:46:41.629

<v Amundson, Courtney - FSIS>Evaluate and.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26818-0

01:46:44.389 --> 01:46:50.089

<v Amundson, Courtney - FSIS>Enough of what I have here is 83 and we can just enter in here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26861-0

01:46:50.099 --> 01:46:54.862

<v Amundson, Courtney - FSIS>CFL per milliliter and then this is our particular method name</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26861-1

01:46:54.862 --> 01:46:58.189

<v Amundson, Courtney - FSIS>and you can just go row by row and do that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26924-0

01:46:58.299 --> 01:47:01.079

<v Amundson, Courtney - FSIS>You'll notice if they're so right now we only have a single</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26924-1

01:47:01.079 --> 01:47:04.044

<v Amundson, Courtney - FSIS>day's worth of data, so I'm just going to add a little bit more</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26924-2

01:47:04.044 --> 01:47:05.759

<v Amundson, Courtney - FSIS>data to show you how the plots vary.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26930-0

01:47:06.779 --> 01:47:08.819

<v Amundson, Courtney - FSIS>Um, obviously, if you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26943-0

01:47:12.509 --> 01:47:14.819

<v Amundson, Courtney - FSIS>Only have a few samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26946-0

01:47:15.489 --> 01:47:15.879

<v Amundson, Courtney - FSIS>Lots.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26968-0

01:47:16.419 --> 01:47:20.029

<v Amundson, Courtney - FSIS>Um for like the 52 and 140 samples, won't.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26986-0

01:47:22.179 --> 01:47:26.379

<v Amundson, Courtney - FSIS>Look right because you don't have enough samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/26990-0

01:47:30.809 --> 01:47:31.149

<v Amundson, Courtney - FSIS>Pardon me.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27007-0

01:47:35.219 --> 01:47:36.249

<v Amundson, Courtney - FSIS>So then you want to go up.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27040-0

01:47:36.299 --> 01:47:39.262

<v Amundson, Courtney - FSIS>So because I changed the data, I'm going to go to data and this</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27040-1

01:47:39.262 --> 01:47:40.929

<v Amundson, Courtney - FSIS>refresh all and just click on this.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27065-0

01:47:42.999 --> 01:47:46.180

<v Amundson, Courtney - FSIS>And it doesn't look like anything magical happened, but</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27065-1

01:47:46.180 --> 01:47:46.749

<v Amundson, Courtney - FSIS>it didn't.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27098-0

01:47:47.659 --> 01:47:51.021

<v Amundson, Courtney - FSIS>You can see that based on what we looked at before, my most</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27098-1

01:47:51.021 --> 01:47:52.479

<v Amundson, Courtney - FSIS>recent result has changed.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27145-0

01:47:52.489 --> 01:47:55.142

<v Amundson, Courtney - FSIS>The CPU is a little bit lower when I look at the normal</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27145-1

01:47:55.142 --> 01:47:57.937

<v Amundson, Courtney - FSIS>distribution that's changed a little bit too, but honestly</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27145-2

01:47:57.937 --> 01:47:59.169

<v Amundson, Courtney - FSIS>this is still pretty good.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27148-0

01:47:59.259 --> 01:47:59.729

<v Amundson, Courtney - FSIS>I wouldn't.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27160-0

01:47:59.819 --> 01:48:00.579

<v Amundson, Courtney - FSIS>I wouldn't be mad at that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27192-0

01:48:00.929 --> 01:48:06.049

<v Amundson, Courtney - FSIS>Um, so it'll show you the approximation of normal, and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27192-1

01:48:06.049 --> 01:48:09.029

<v Amundson, Courtney - FSIS>then you can look at so here um.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27206-0

01:48:13.479 --> 01:48:15.599

<v Amundson, Courtney - FSIS>This might be an issue.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27215-0

01:48:15.609 --> 01:48:17.659

<v Amundson, Courtney - FSIS>Oh, panic for a minute.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27257-0

01:48:17.729 --> 01:48:20.855

<v Amundson, Courtney - FSIS>So this is showing you the most

recent 13 samples and there were</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27257-1

01:48:20.855 --> 01:48:22.779

<v Amundson, Courtney - FSIS>13 samples collected on one single day.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27307-0

01:48:22.789 --> 01:48:26.730

<v Amundson, Courtney - FSIS>So on this case, May 9th of 2022, so that's why it's only</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27307-1

01:48:26.730 --> 01:48:29.449

<v Amundson, Courtney - FSIS>showing a single phase worth of values.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27334-0

01:48:30.869 --> 01:48:34.410

<v Amundson, Courtney - FSIS>And then here we've got the 52 samples for the log change in,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27334-1

01:48:34.410 --> 01:48:34.639

<v Amundson, Courtney - FSIS>etc.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27352-0

01:48:35.609 --> 01:48:38.909

<v Amundson, Courtney - FSIS>And now you're most recent 140 samples.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27356-0

01:48:40.569 --> 01:48:41.179

<v Amundson, Courtney - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27371-0

01:48:41.249 --> 01:48:43.049

<v Amundson, Courtney - FSIS>And the same thing for CL single day.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27399-0

01:48:45.059 --> 01:48:49.085

<v Amundson, Courtney - FSIS>And these can all change and we can go through here and we could</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27399-1

01:48:49.085 --> 01:48:49.519

<v Amundson, Courtney - FSIS>change.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27439-0

01:48:50.209 --> 01:48:54.374

<v Amundson, Courtney - FSIS>Um, I'll just do one more thing and then I think I'm good and we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27439-1

01:48:54.374 --> 01:48:57.579

<v Amundson, Courtney - FSIS>can go through questions, but here we can change.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27479-0

01:48:57.589 --> 01:49:02.918

<v Amundson, Courtney - FSIS>Maybe want, you know 1.5 as in LSL, and we want, you know, 0.5</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27479-1

01:49:02.918 --> 01:49:03.849

<v Amundson, Courtney - FSIS>as the Cpl.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27481-0

01:49:04.319 --> 01:49:04.529

<v Amundson, Courtney - FSIS>Sure.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27526-0

01:49:05.869 --> 01:49:09.557

<v Amundson, Courtney - FSIS>So here it's going to show it's going to just bump that shaded</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27526-1

01:49:09.557 --> 01:49:11.899

<v Amundson, Courtney - FSIS>area up O that's all it's really doing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27549-0

01:49:11.909 --> 01:49:15.129

<v Amundson, Courtney - FSIS>And then for Cpl, that's going to bump it up to 0.5.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27578-0

01:49:15.249 --> 01:49:18.163

<v Amundson, Courtney - FSIS>So you can see how that just kind of changes the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27578-1

01:49:18.163 --> 01:49:19.829

<v Amundson, Courtney - FSIS>visualization for you there.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27647-0

01:49:22.189 --> 01:49:25.331

<v Amundson, Courtney - FSIS>And those are kind of the main components of the tool I</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27647-1

01:49:25.331 --> 01:49:28.922

<v Amundson, Courtney - FSIS>anticipate, although it be great if folks left comments if they</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27647-2

01:49:28.922 --> 01:49:32.289

<v Amundson, Courtney - FSIS>would like to see training involving more detailed training</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27647-3

01:49:32.289 --> 01:49:34.029

<v Amundson, Courtney - FSIS>involving the use of this tool.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27691-0

01:49:34.919 --> 01:49:39.290

<v Amundson, Courtney - FSIS>But I do anticipate that we'll FSIS will provide more guidance</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27691-1

01:49:39.290 --> 01:49:42.829

<v Amundson, Courtney - FSIS>if this tool is adopted as part of the final rule.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27708-0

01:49:44.769 --> 01:49:46.929

<v Amundson, Courtney - FSIS>And with that, I can take any.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27720-0

01:49:49.029 --> 01:49:50.129

<v Amundson, Courtney - FSIS>Passions or kick it back to.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27724-0

01:49:54.329 --> 01:49:54.679

<v Robertson Hale, Kis - FSIS>Great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27733-0

01:49:54.689 --> 01:49:55.969

<v Robertson Hale, Kis - FSIS>Thank you so much, Courtney.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27735-0

01:49:56.049 --> 01:49:56.189

<v Amundson, Courtney - FSIS>No.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27769-0

01:49:59.129 --> 01:50:03.668

<v Robertson Hale, Kis - FSIS>OK, so um with that, we will move to another block for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27769-1

01:50:03.668 --> 01:50:05.319

<v Robertson Hale, Kis - FSIS>question and answer.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27810-0

01:50:09.699 --> 01:50:12.900

<v Robertson Hale, Kis - FSIS>And as with last time, if you have a question you can put it</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27810-1

01:50:12.900 --> 01:50:14.999

<v Robertson Hale, Kis - FSIS>in the chat or you can raise

your hand.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27833-0

01:50:27.499 --> 01:50:30.089

<v Robertson Hale, Kis - FSIS>OK I see U M1 question is come in.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27851-0

01:50:30.339 --> 01:50:33.669

<v Robertson Hale, Kis - FSIS>Can you enter negative values and how would that look like?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27856-0

01:50:35.469 --> 01:50:36.049

<v Amundson, Courtney - FSIS>You can.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27862-0

01:50:36.059 --> 01:50:36.399

<v Amundson, Courtney - FSIS>Yep.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27882-0

01:50:36.449 --> 01:50:39.577

<v Amundson, Courtney - FSIS>And you just have to put a minus, you know, before the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27882-1

01:50:39.577 --> 01:50:39.919

<v Amundson, Courtney - FSIS>value.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27895-0

01:50:39.929 --> 01:50:41.239

<v Amundson, Courtney - FSIS>So it would look like instead of.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27900-0

01:50:43.369 --> 01:50:44.759

<v Amundson, Courtney - FSIS>Well, OK, so.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27943-0

01:50:46.939 --> 01:50:50.461

<v Amundson, Courtney - FSIS>These are not so you're entering the actual values per sample, so</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27943-1

01:50:50.461 --> 01:50:52.809

<v Amundson, Courtney - FSIS>you're not entering the change, and so I'm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27979-0

01:50:53.359 --> 01:50:57.093

<v Amundson, Courtney - FSIS>I don't think you can have a negative value for AC if you're</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/27979-1

01:50:57.093 --> 01:50:58.869

<v Amundson, Courtney - FSIS>trying to quantify it, right?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28039-0

01:50:58.879 --> 01:51:02.270

<v Amundson, Courtney - FSIS>This result would be negative, so you're just entering the the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28039-1

01:51:02.270 --> 01:51:05.230

<v Amundson, Courtney - FSIS>raw results and then in the back end of this it's it's</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28039-2

01:51:05.230 --> 01:51:08.299

<v Amundson, Courtney - FSIS>subtracting those values between reading and post chill.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28068-0

01:51:08.309 --> 01:51:13.555

<v Amundson, Courtney - FSIS>Using this sample set identifier and then it's if that value is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28068-1

01:51:13.555 --> 01:51:15.359

<v Amundson, Courtney - FSIS>negative, that's fine.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28087-0

01:51:15.889 --> 01:51:18.909

<v Amundson, Courtney - FSIS>So is that uh, does that answer your question?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28090-0

01:51:24.599 --> 01:51:24.859

<v Amundson, Courtney - FSIS>Hopefully.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28099-0

01:51:27.389 --> 01:51:27.969

<v Robertson Hale, Kis - FSIS>Thanks Courtney.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28101-0

01:51:28.959 --> 01:51:29.299

<v Amundson, Courtney - FSIS>Hmm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28106-0

01:51:36.469 --> 01:51:36.739

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28158-0

01:51:36.749 --> 01:51:41.185

<v Robertson Hale, Kis - FSIS>Another question regarding sample collection frequency for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28158-1

01:51:41.185 --> 01:51:45.696

<v Robertson Hale, Kis - FSIS>high volume establishments, do I understand that there is a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28158-2

01:51:45.696 --> 01:51:48.779

<v Robertson Hale, Kis - FSIS>choice between one per 22,000 or weekly?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28172-0

01:51:50.729 --> 01:51:52.199

<v Amundson, Courtney - FSIS>So there's not a choice.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28181-0

01:51:52.209 --> 01:51:54.239

<v Amundson, Courtney - FSIS>The minimum is weakly, so if you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28226-0

01:51:56.779 --> 01:52:01.142

<v Amundson, Courtney - FSIS>If if your if your rate of 1, so an amber chiman if I misspeak</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28226-1

01:52:01.142 --> 01:52:01.489

<v Amundson, Courtney - FSIS>here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28289-0

01:52:01.499 --> 01:52:05.127

<v Amundson, Courtney - FSIS>But if your rate is one per 22,000 and that doesn't quite</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28289-1

01:52:05.127 --> 01:52:08.881

<v Amundson, Courtney - FSIS>equate to a once per weekly frequency, you're going to need</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28289-2

01:52:08.881 --> 01:52:11.009

<v Amundson, Courtney - FSIS>to sample at least once per week.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28344-0

01:52:11.279 --> 01:52:17.341

<v Amundson, Courtney - FSIS>If you are volume is such that one per 22,000 is more than once</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28344-1

01:52:17.341 --> 01:52:21.889

<v Amundson, Courtney - FSIS>per week, then you'll collect every one 22,000.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28351-0

01:52:22.469 --> 01:52:23.919

<v Amundson, Courtney - FSIS>So the minimum is weekly.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28378-0

01:52:25.809 --> 01:52:29.286

<v Amundson, Courtney - FSIS>But it's still at that one per 22,000 above the weekly</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28378-1

01:52:29.286 --> 01:52:29.919

<v Amundson, Courtney - FSIS>threshold.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28419-0

01:52:32.809 --> 01:52:37.220

<v Robertson Hale, Kis - FSIS>Thanks and and to clarify there is no changes with respect to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28406-0

01:52:33.549 --> 01:52:33.849

<v Pasko, Amber - FSIS>Barney.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28419-1

01:52:37.220 --> 01:52:38.999

<v Robertson Hale, Kis - FSIS>requirements or for that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28421-0

01:52:40.189 --> 01:52:40.329

<v Amundson, Courtney - FSIS>No.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28427-0

01:52:46.349 --> 01:52:47.139

<v Robertson Hale, Kis - FSIS>Great, great question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28465-0

01:52:53.209 --> 01:52:56.601

<v Robertson Hale, Kis - FSIS>Will this be the only option for tracking or will industry be</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28465-1

01:52:56.601 --> 01:52:59.009

<v Robertson Hale, Kis - FSIS>allowed to consider or develop other tools?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28482-0

01:53:00.969 --> 01:53:03.699

<v Amundson, Courtney - FSIS>Industry can absolutely develop other tools.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28503-0

01:53:03.929 --> 01:53:06.899

<v Amundson, Courtney - FSIS>They will just need to justify their choice.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28537-0

01:53:06.949 --> 01:53:10.145

<v Amundson, Courtney - FSIS>So if you don't follow the CLSM, you'll just need to provide</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28537-1

01:53:10.145 --> 01:53:12.189

<v Amundson, Courtney - FSIS>scientific justification for whatever.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28553-0

01:53:13.729 --> 01:53:15.269

<v Amundson, Courtney - FSIS>Statistical process control method.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28557-0

01:53:15.279 --> 01:53:17.139

<v Amundson, Courtney - FSIS>You're going to use? Umm.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28571-0

01:53:25.529 --> 01:53:27.459

<v Robertson Hale, Kis - FSIS>Stan Rogers steams ***.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28578-0

01:53:27.509 --> 01:53:28.039

<v Robertson Hale, Kis - FSIS>Or sterns?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28604-0

01:53:28.049 --> 01:53:30.881

<v Robertson Hale, Kis - FSIS>I'm sorry, is this tool available now for us to play</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28604-1

01:53:30.881 --> 01:53:31.149

<v Robertson Hale, Kis - FSIS>with?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28613-0

01:53:31.909 --> 01:53:32.809

<v Amundson, Courtney - FSIS>She it is.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28621-0

01:53:32.819 --> 01:53:33.819

<v Amundson, Courtney - FSIS>You can download it.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28642-0

01:53:34.429 --> 01:53:37.389

<v Amundson, Courtney - FSIS>So I I believe it's a link under the proposed rule.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28699-0

01:53:37.399 --> 01:53:40.538

<v Amundson, Courtney - FSIS>You'll see kind of a statistical process control where it</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28699-1

01:53:40.538 --> 01:53:43.840

<v Amundson, Courtney - FSIS>contains both the technical document that I described in the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28699-2
01:53:43.840 --> 01:53:46.709

<v Amundson, Courtney - FSIS>previous talk and a link to download the Excel tool.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28804-0
01:53:49.239 --> 01:53:53.766

<v Robertson Hale, Kis - FSIS>A great and Casey Gallimore asked our establishments</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28804-1
01:53:53.766 --> 01:53:59.233

<v Robertson Hale, Kis - FSIS>utilizing the Safe Harbor Cpl SM expected to conduct corrective</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28804-2
01:53:59.233 --> 01:54:04.444

<v Robertson Hale, Kis - FSIS>actions for results below the S I'm sorry the LSL and Cpl or</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28804-3
01:54:04.444 --> 01:54:09.997

<v Robertson Hale, Kis - FSIS>just the Cpl and other words are corrective actions expected for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28804-4
01:54:09.997 --> 01:54:12.389

<v Robertson Hale, Kis - FSIS>a single result under the L.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28853-0
01:54:14.329 --> 01:54:16.872

<v Amundson, Courtney - FSIS>I'm going to have Amber Pascoe chime in on that because I'm</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28853-1
01:54:16.872 --> 01:54:19.119

<v Amundson, Courtney - FSIS>probably not going to explain it as well as she can.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28876-0
01:54:20.589 --> 01:54:22.329

<v Amundson, Courtney - FSIS>Emperor you willing to answer that question?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28863-0
01:54:20.959 --> 01:54:21.279
<v Pasko, Amber - FSIS>Great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28872-0
01:54:21.289 --> 01:54:21.759
<v Pasko, Amber - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28878-0

01:54:23.689 --> 01:54:24.049

<v Pasko, Amber - FSIS>Yes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28887-0

01:54:24.059 --> 01:54:25.019

<v Pasko, Amber - FSIS>Can we hear me alright?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28892-0

01:54:26.799 --> 01:54:26.939

<v Robertson Hale, Kis - FSIS>Yes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28897-0

01:54:27.629 --> 01:54:28.479

<v Pasko, Amber - FSIS>Yeah. OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/28900-0

01:54:28.529 --> 01:54:28.949

<v Pasko, Amber - FSIS>Yes.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29022-0

01:54:28.959 --> 01:54:32.645

<v Pasko, Amber - FSIS>So, as described in the proposed rule, the expectation here is</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29022-1

01:54:32.645 --> 01:54:36.330

<v Pasko, Amber - FSIS>that the LSL and the Cpl become the quantitative predetermined</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29022-2

01:54:36.330 --> 01:54:39.373

<v Pasko, Amber - FSIS>measures for the MP and therefore, as with Hassett,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29022-3

01:54:39.373 --> 01:54:42.825

<v Pasko, Amber - FSIS>monitoring measures, any time there's a deviation from the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29022-4

01:54:42.825 --> 01:54:46.452

<v Pasko, Amber - FSIS>predefined measure, we expect the establishment to respond to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29022-5

01:54:46.452 --> 01:54:49.904

<v Pasko, Amber - FSIS>that monitoring result and evaluate the root cause for why</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29022-6

01:54:49.904 --> 01:54:50.899

<v Pasko, Amber - FSIS>that might be so.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29070-0

01:54:50.909 --> 01:54:54.336

<v Pasko, Amber - FSIS>With every result that is received back in the laboratory,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29070-1

01:54:54.336 --> 01:54:57.415

<v Pasko, Amber - FSIS>the establishment should be recording that value and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29070-2

01:54:57.415 --> 01:54:59.739

<v Pasko, Amber - FSIS>identifying doesn't meet the reduction.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29120-0

01:54:59.889 --> 01:55:03.310

<v Pasko, Amber - FSIS>So point A to point B change as well as the statistical process</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29120-1

01:55:03.310 --> 01:55:05.769

<v Pasko, Amber - FSIS>change, and then the case of the Safe Harbor.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29145-0

01:55:05.779 --> 01:55:09.361

<v Pasko, Amber - FSIS>That's the L for point A to point B, and that statistical</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29145-1

01:55:09.361 --> 01:55:09.979

<v Pasko, Amber - FSIS>variation.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29148-0

01:55:11.489 --> 01:55:11.829

<v Pasko, Amber - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29155-0

01:55:14.369 --> 01:55:15.019

<v Robertson Hale, Kis - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29174-0

01:55:15.069 --> 01:55:18.359

<v Robertson Hale, Kis - FSIS>And Doctor Pasco is with our office of field operations.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29190-0

01:55:18.369 --> 01:55:20.339

<v Robertson Hale, Kis - FSIS>She's one of our veterinary medical officers.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29217-0

01:55:35.969 --> 01:55:38.649

<v Robertson Hale, Kis - FSIS>Are you able to put the link to the document in the chat?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29222-0

01:55:42.449 --> 01:55:43.259

<v Amundson, Courtney - FSIS>We can.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29263-0

01:55:43.329 --> 01:55:47.131

<v Amundson, Courtney - FSIS>I can look it up here quickly or someone else can, but I think I</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29263-1

01:55:47.131 --> 01:55:49.939

<v Amundson, Courtney - FSIS>have it right here so I'll drop it in the chat.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29304-0

01:55:56.879 --> 01:56:00.604

<v Robertson Hale, Kis - FSIS>What looks like Lynn Walker posted something that looks like</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29304-1

01:56:00.604 --> 01:56:01.459

<v Robertson Hale, Kis - FSIS>that document.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29310-0

01:56:02.799 --> 01:56:04.059

<v Amundson, Courtney - FSIS>You beat me to it. Thanks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29312-0

01:56:04.649 --> 01:56:05.069

<v Robertson Hale, Kis - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29416-0

01:56:28.919 --> 01:56:33.575

<v Kelley, Kimberly - FSIS>Alright, kiss it this time it looks like there are no hands</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29416-1

01:56:33.575 --> 01:56:38.619

<v Kelley, Kimberly - FSIS>raised or questions in the chat, so just as another reminder you</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29416-2

01:56:38.619 --> 01:56:43.430

<v Kelley, Kimberly - FSIS>can place your question in the chat and we'll read it off for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29416-3

01:56:43.430 --> 01:56:48.009

<v Kelley, Kimberly - FSIS>you, or you can raise your hand and we'll get you unmuted.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29421-0

01:56:55.319 --> 01:56:55.699

<v Robertson Hale, Kis - FSIS>Great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29425-0

01:56:55.709 --> 01:56:56.469

<v Robertson Hale, Kis - FSIS>Another question.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29463-0

01:56:58.299 --> 01:57:02.980

<v Robertson Hale, Kis - FSIS>For traditional VLV poultry slaughter operations that do not</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29463-1

01:57:02.980 --> 01:57:07.738

<v Robertson Hale, Kis - FSIS>hang carcasses, where would the testing or sampling locations</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29463-2

01:57:07.738 --> 01:57:07.969

<v Robertson Hale, Kis - FSIS>be?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29512-0

01:57:11.259 --> 01:57:15.195

<v Amundson, Courtney - FSIS>That's a great question that I doubt has been determined yet,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29512-1

01:57:15.195 --> 01:57:19.069

<v Amundson, Courtney - FSIS>so that would be a great comment to put for regulations.gov.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29539-0

01:57:19.079 --> 01:57:21.755

<v Amundson, Courtney - FSIS>But if Amber, if you have some additional comments on that,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29539-1

01:57:21.755 --> 01:57:22.469

<v Amundson, Courtney - FSIS>that'd be great.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29537-0

01:57:23.519 --> 01:57:23.809

<v Pasko, Amber - FSIS>No.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29563-0

01:57:23.819 --> 01:57:26.359

<v Pasko, Amber - FSIS>We would very much appreciate your thoughts on specifying</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29563-1

01:57:26.359 --> 01:57:27.629

<v Pasko, Amber - FSIS>where that location would be.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29627-0

01:57:27.639 --> 01:57:31.040

<v Pasko, Amber - FSIS>We did acknowledge in writing the proposed language that we</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29627-1

01:57:31.040 --> 01:57:34.214

<v Pasko, Amber - FSIS>have establishments that don't necessarily hang and the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29627-2

01:57:34.214 --> 01:57:36.369

<v Pasko, Amber - FSIS>therefore I rehang would not qualify.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29644-0

01:57:36.519 --> 01:57:39.489

<v Pasko, Amber - FSIS>The pre evisceration would still come into play again.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29731-0

01:57:39.499 --> 01:57:42.544

<v Pasko, Amber - FSIS>The idea is that the regulatory language is to demonstrate</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29731-1

01:57:42.544 --> 01:57:45.434

<v Pasko, Amber - FSIS>prevention throughout the slaughter and the reason that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29731-2

01:57:45.434 --> 01:57:48.583

<v Pasko, Amber - FSIS>the FSIS is proposing that all establishments collect paired</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29731-3

01:57:48.583 --> 01:57:51.628

<v Pasko, Amber - FSIS>it's to have the two points relatively at the beginning of</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29731-4

01:57:51.628 --> 01:57:53.229

<v Pasko, Amber - FSIS>the process as well as the end.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29756-0

01:57:53.239 --> 01:57:55.777

<v Pasko, Amber - FSIS>So please submit where you believe that should be for your</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29756-1

01:57:55.777 --> 01:57:56.509

<v Pasko, Amber - FSIS>specific process.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29759-0

01:57:57.089 --> 01:57:57.429

<v Pasko, Amber - FSIS>Thank you.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29773-0

01:58:21.919 --> 01:58:22.289

<v Robertson Hale, Kis - FSIS>OK.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29824-0

01:58:22.299 --> 01:58:26.768

<v Robertson Hale, Kis - FSIS>Another question will industry have the opportunity to justify</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29824-1

01:58:26.768 --> 01:58:31.309

<v Robertson Hale, Kis - FSIS>why a single outlier would not result in a root cause analysis?</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29854-0

01:58:31.839 --> 01:58:35.856

<v Robertson Hale, Kis - FSIS>Current industry SPC programs look at trends and not</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29854-1

01:58:35.856 --> 01:58:38.509

<v Robertson Hale, Kis - FSIS>necessarily single point outliers.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29863-0

01:58:42.999 --> 01:58:44.409

<v Robertson Hale, Kis - FSIS>And I'm Ashley.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29934-0

01:58:44.419 --> 01:58:47.990

<v Robertson Hale, Kis - FSIS>I think that that's a great question and that looks I I</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29934-1

01:58:47.990 --> 01:58:51.753

<v Robertson Hale, Kis - FSIS>would say that that would be something that you definitely</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29934-2

01:58:51.753 --> 01:58:55.516

<v Robertson Hale, Kis - FSIS>want to submit a comment on and we can take a look at that</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29934-3

01:58:55.516 --> 01:58:55.899

<v Robertson Hale, Kis - FSIS>issue.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29967-0

01:59:26.549 --> 01:59:30.339

<v Robertson Hale, Kis - FSIS>Alright, OK, Kimberly, I don't

see any additional questions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29981-0

01:59:31.189 --> 01:59:34.209

<v Robertson Hale, Kis - FSIS>I'm in the chat or any hands raised.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/29989-0

01:59:36.799 --> 01:59:38.239

<v Kelley, Kimberly - FSIS>Yep, I don't either.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30022-0

01:59:39.939 --> 01:59:46.429

<v Robertson Hale, Kis - FSIS>OK, so that means that we can then move to closing remarks by</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30022-1

01:59:46.429 --> 01:59:48.209

<v Robertson Hale, Kis - FSIS>Deputy Secretary.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30029-0

01:59:48.779 --> 01:59:49.249

<v Robertson Hale, Kis - FSIS>I'm sorry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30057-0

01:59:49.259 --> 01:59:53.049

<v Robertson Hale, Kis - FSIS>Yeah, deputy Under Secretary for food safety Sandra Eskin.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30061-0

01:59:53.639 --> 01:59:55.659

<v Eskin, Sandra - OSEC, DC>I just got promoted hey kiss.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30063-0

01:59:53.739 --> 01:59:55.799

<v Robertson Hale, Kis - FSIS>Sandra I.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30075-0

01:59:57.509 --> 01:59:59.279

<v Eskin, Sandra - OSEC, DC>Um, it's still morning.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30078-0

01:59:59.289 --> 01:59:59.699

<v Eskin, Sandra - OSEC, DC>Nope.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30104-0

01:59:59.709 --> 02:00:03.598

<v Eskin, Sandra - OSEC, DC>Good afternoon, everyone, and thank you so much for hanging in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30104-1

02:00:03.598 --> 02:00:03.969

<v Eskin, Sandra - OSEC, DC>there.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30140-0

02:00:05.219 --> 02:00:10.607

<v Eskin, Sandra - OSEC, DC>We had a lot of information to convey and it would clearly</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30140-1

02:00:10.607 --> 02:00:14.169

<v Eskin, Sandra - OSEC, DC>appear that you have lots of comments.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30209-0

02:00:14.179 --> 02:00:19.236

<v Eskin, Sandra - OSEC, DC>I cannot underscore more strongly how important it is for</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30209-1

02:00:19.236 --> 02:00:24.643

<v Eskin, Sandra - OSEC, DC>you all to raise issues that perhaps we didn't raise and give</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30209-2

02:00:24.643 --> 02:00:28.829

<v Eskin, Sandra - OSEC, DC>us your thoughts on how we should resolve them.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30281-0

02:00:29.439 --> 02:00:34.053

<v Eskin, Sandra - OSEC, DC>If you have questions about any of the information that was</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30281-1

02:00:34.053 --> 02:00:38.975

<v Eskin, Sandra - OSEC, DC>shared today, you should see at the bottom of your agenda links</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30281-2

02:00:38.975 --> 02:00:43.897

<v Eskin, Sandra - OSEC, DC>to various documents that were the basis of these presentations</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30281-3

02:00:43.897 --> 02:00:44.359

<v Eskin, Sandra - OSEC, DC>today.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30322-0

02:00:44.829 --> 02:00:50.357

<v Eskin, Sandra - OSEC, DC>Remember, tomorrow we will be talking about the basis for our</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30322-1

02:00:50.357 --> 02:00:53.389

<v Eskin, Sandra - OSEC, DC>risk profile and risk assessment.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30375-0

02:00:54.169 --> 02:00:59.059

<v Eskin, Sandra - OSEC, DC>Um and I I just also wanna say that I know it can be very</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30375-1

02:00:59.059 --> 02:01:03.695

<v Eskin, Sandra - OSEC, DC>frustrating because you'd like us to be able to answer</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30375-2

02:01:03.695 --> 02:01:04.539

<v Eskin, Sandra - OSEC, DC>questions.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30395-0

02:01:05.349 --> 02:01:09.169

<v Eskin, Sandra - OSEC, DC>And I think by and large we understand that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30449-0

02:01:09.179 --> 02:01:14.891

<v Eskin, Sandra - OSEC, DC>But we also understand there are limits based on ex parte rules,</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30449-1

02:01:14.891 --> 02:01:20.251

<v Eskin, Sandra - OSEC, DC>so please understand that we will continue this conversation</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30449-2

02:01:20.251 --> 02:01:22.009

<v Eskin, Sandra - OSEC, DC>probably in writing.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30490-0

02:01:22.349 --> 02:01:27.763

<v Eskin, Sandra - OSEC, DC>And again, I encourage you to participate tomorrow to get a</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30490-1

02:01:27.763 --> 02:01:32.455

<v Eskin, Sandra - OSEC, DC>better sense of of again the risk profile, the risk</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30490-2

02:01:32.455 --> 02:01:33.899

<v Eskin, Sandra - OSEC, DC>assessment that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30512-0

02:01:36.509 --> 02:01:40.099

<v Eskin, Sandra - OSEC, DC>That is the basis of what we're proposing here.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30580-0

02:01:40.519 --> 02:01:45.361

<v Eskin, Sandra - OSEC, DC>I know that everyone on this call, wherever you are on the</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30580-1

02:01:45.361 --> 02:01:50.368

<v Eskin, Sandra - OSEC, DC>supply chain, wherever you are on the policy chain, wants to</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30580-2

02:01:50.368 --> 02:01:53.569

<v Eskin, Sandra - OSEC, DC>see fewer foodborne illness outbreaks.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30600-0

02:01:53.699 --> 02:01:57.289

<v Eskin, Sandra - OSEC, DC>And, um, we all play a part in that.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30640-0

02:01:57.299 --> 02:02:04.076

<v Eskin, Sandra - OSEC, DC>That is the basis for what we're proposing here for salmonella in</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30640-1

02:02:04.076 --> 02:02:05.309

<v Eskin, Sandra - OSEC, DC>raw poultry.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30684-0

02:02:06.499 --> 02:02:11.438

<v Eskin, Sandra - OSEC, DC>Again, tomorrow's webinar will be from start at 10 and and</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30684-1

02:02:11.438 --> 02:02:14.449

<v Eskin, Sandra - OSEC, DC>and is scheduled to last through noon.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30725-0

02:02:16.089 --> 02:02:22.184

<v Eskin, Sandra - OSEC, DC>The session what was recorded and it will be posted for review</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30725-1

02:02:22.184 --> 02:02:24.119

<v Eskin, Sandra - OSEC, DC>on the FSIS website.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30740-0

02:02:24.909 --> 02:02:28.409

<v Eskin, Sandra - OSEC, DC>Comments are due on November 7th.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30785-0

02:02:29.529 --> 02:02:35.000

<v Eskin, Sandra - OSEC, DC>Again, thank you so much to our

presenters, to our moderators</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30785-1

02:02:35.000 --> 02:02:37.119

<v Eskin, Sandra - OSEC, DC>and to our participants.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30812-0

02:02:37.209 --> 02:02:40.959

<v Eskin, Sandra - OSEC, DC>And I have a great rest of your day, and we'll see you tomorrow.</v>

2747e4a8-4c3a-43cf-aa33-81f82fcf9b45/30832-0

02:02:45.199 --> 02:02:45.769

<v Robertson Hale, Kis - FSIS>Thanks Hun.</v>