



2019 Sample Team Exercise Series
March 28 – July 31, 2019




Brad Deacon Emergency Management Coordinator, MDARD
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Planning Committee
Josh Appleby, Jennifer Bonsky, Brad Deacon, Stevie Glaspie, Jamie Guardiola, April Hunt, Jordan Polaskey, Lauren Walsh, Elizabeth Weier


Incident Management Teams

- Every division represented on at least one IMT
- All levels of ICS training, job classifications
- Size of each IMT was scalable and modular for the size of the incident



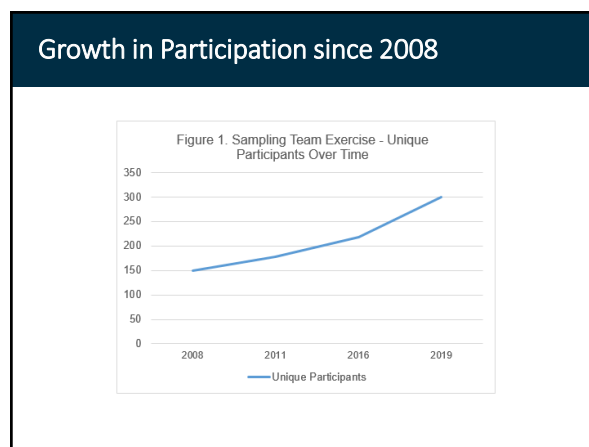
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Overview



- Eight sessions: March 28 – July 31, 2019
- 300 unique participants, some at multiple sessions
- Agenda:
 - Director Welcome and Q & A
 - Safety Training
 - EM Overview and ICS Refresher
 - IMT Operations Briefing
 - Sampling / Field Assignments
 - Hotwash & Demobilizations


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Milestones



- Multiple, unique scenarios at each session
- Multiple unrelated activities on a single day
 - Skimmers, Fish Fraud, and Pig Ears (Lansing and Taylor sessions)
- First time for:
 - Radiological Emergency Preparedness
 - Skimmer sweep – Weights & Measures
 - Insect repellent sampling – Pesticide Section
 - Chemistry analysis - Laboratory Food, Fuel, and Disease Section
 - Luster Dust, Bulk Spices, Fish Speciation



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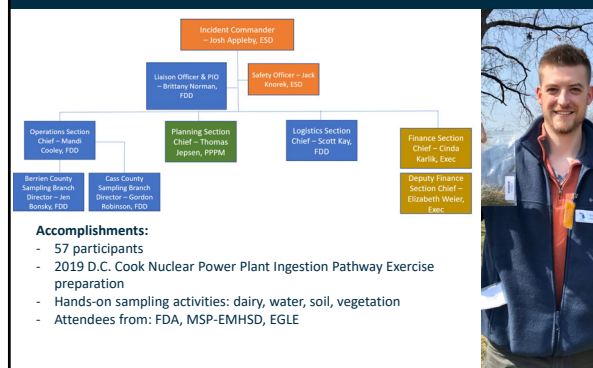
Overarching Goals & Objectives

- ↑ Employee engagement
- ↑ Surge capacity
- ↑ Incident Command System
- ↑ Technology
- ↑ Safety
- ↑ Coordination w/ FDA
- ↑ Sample collection
- ↑ Chain of custody
- ↑ Evaluate risk in marketplace

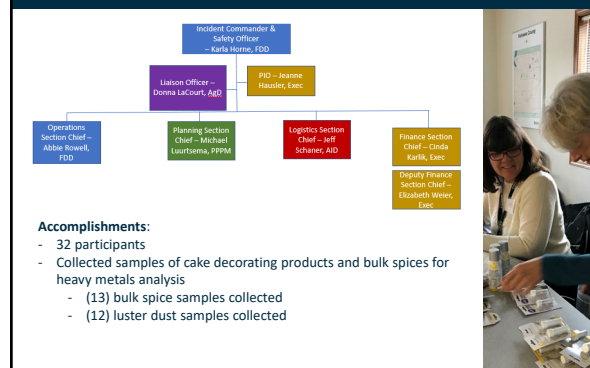
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March 28, 2019 – Kalamazoo Radiological Sampling Preparedness



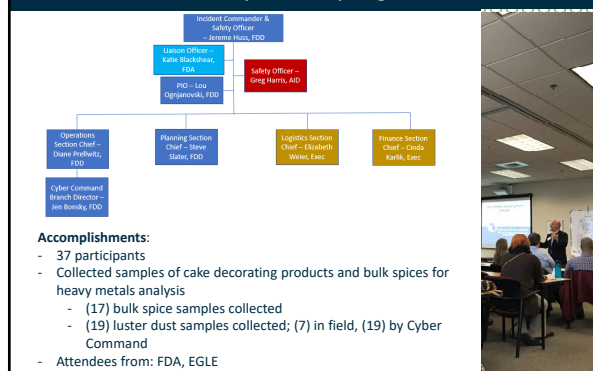
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April 9, 2019 – Traverse City Luster Dust & Bulk Spice Sampling



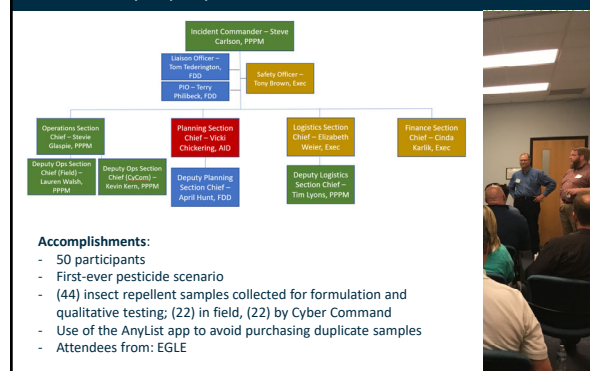
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May 14, 2019 - Warren Luster Dust & Bulk Spice Sampling



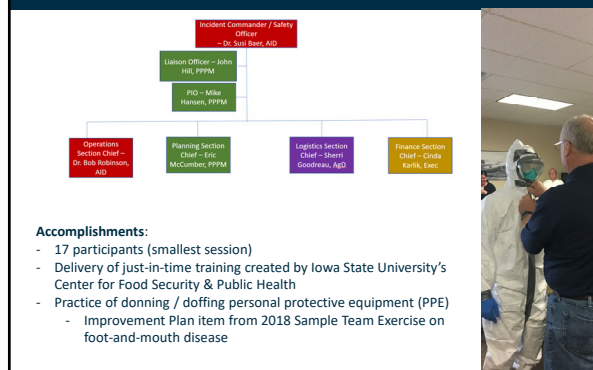
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May 30, 2019 – Bay City Skeeter Spray Squad



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June 18, 2019 - Marquette Animal Disease Biosecurity



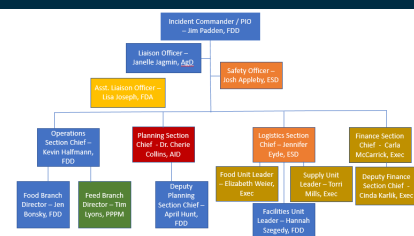
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July 9, 2019 - Atlanta Animal Disease Biosecurity



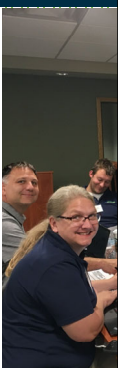
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July 23, 2019 - Lansing Multiple Sampling Activities



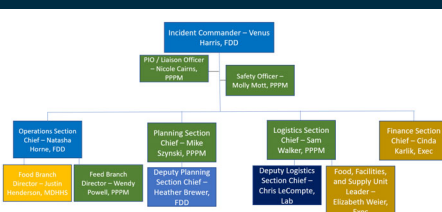
Accomplishments:

- 78 participants (largest session)
- Enhanced demobilization plan
- Several activities: feed (pig ears), food (fish speciation), gas pump skimmer checks, Cyber Command (pig ears)
- Attendees from: FDA, Ingham County Health Department, MSP-EMHSD, DNR



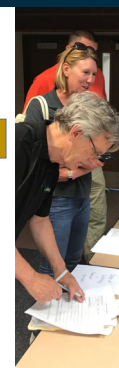
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July 31, 2019 - Taylor Multiple Sampling Activities



Accomplishments:

- 46 participants
- Enhanced demobilization plan
- Several activities: feed (pig ears), food (fish speciation), gas pump skimmer checks
- Attendees from: EGLE, MDHHS, Wayne County Health Department



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Employee Engagement



Opportunity to meet MDARD Director

Regional staff meeting

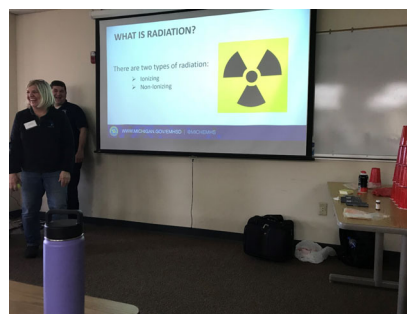
Cross training & unique learning opportunities

Variety of roles across IMTs and Field Teams

Seeing "behind the curtain" of ICS and emergency management

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Surge Capacity



Radiological emergencies

Sampling activities

Field activities

Animal disease

Food fraud

Cyber Command

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Incident Command System Training



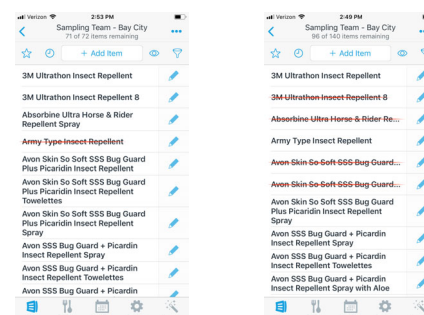
MDARD Strategic Action Plan

IS-100, IS-200, IS-700, IS-800

Advanced training & cross-divisional IMTs

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Technology



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Safety



Situational awareness & personal safety training

Emphasis on safety in each Incident Action Plan

Donning & doffing of personal protective equipment

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Multi-agency Coordination



Participating Agencies:
MDARD

FDA

EGLE

DNR

MSP – EMHSD

MDHHS

Ingham County Health Department

Wayne County Health Department

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Sample Collection & Chain of Custody



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Sample Collection

	Total # Samples	# Field Samples	# CyCom Samples
Traverse City			
Spices	13	13	0
Luster Dust	12	12	0
Warren			
Spices	17	17	0
Luster Dust	19	7	12
Bay City			
Pesticides	44	22	22
Lansing			
Fish Speciation	6	6	0
Pig Ears	13	8	5
Taylor			
Fish Speciation	4	4	0
Pig Ears	2	2	0

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Results

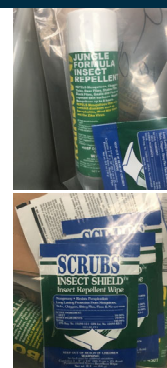
- Radiological Emergency Preparedness
 - Prepared us to lead and succeed in REP IPX
 - Successful demonstration of sampling techniques to FEMA evaluator
- Spices
 - Warren session Cinnamon sample – 3.82 ppm lead
 - Additional samples collected by FDA; health hazard confirmed
 - Regulatory action by FDA
- Lusterdust
 - Some contained concerning levels of lead, cobalt, and cadmium
 - Additional labeling concerns
 - Ongoing review with FDA



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Results

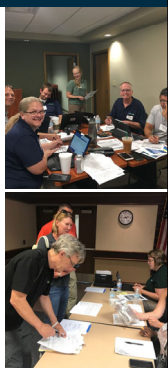
- Skeeter Spray Squad
 - Six samples found to have active ingredient outside of certified limits
 - Four DEET products
 - Two Picaridin products
 - EPA will be following up on products in violation
- Animal Health
 - Ongoing practice, preparations, and awareness for FMD... ASF... HPAI... etc.
 - Donning / doffing PPE was an Improvement Plan item from 2018's national foot-and-mouth disease exercise



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Results

- Skimmer Sweep
 - 45 pumps checked
 - No skimmers found – yay!
- Pig Ears
 - Positive samples collected in field and by Cyber Command expanded national recall
- Food Fraud (Fish Speciation)
 - One FOUR-YEAR-OLD sample was collected
 - Labeling concerns
 - Local health department following up



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Demobilization



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Improvement Plan

- Improved coordination with Laboratory Division from beginning to end
- Quality assurance in sampling
 - Reliability
 - Just-in-time training
 - Video demonstrations
- Updated Sample Team Exercise Toolkit

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Sample Team Exercise 2022

- What to test?
 - Policies?
 - Procedures?
 - Items in marketplace?
- Just-in-time / surge capacity?
- Leadership, management, IMTs?
- Special presentation, discussion, training?
- What are your priorities?



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