

Instructions to complete this form are available to LFFM grantees

Recipient Name	Select
State	Select Recipient Name
Federal Award Identification Number	Select Recipient Name
Report Frequency	Annual
Date Completed	
Project Period Start Date	9/1/2020
Project End Date	6/30/2025
Budget Period Start Date	7/1/2023
Budget Period End Date	6/30/2024
Principal Investigator (PI)	
PI Email	
PI Phone	
Other contacts for This Budget Period's planning	

LFFM Tracks	Were you Approved and Funded for this Track in the current budget period?	Is your lab proposing work for this track in the next budget period?
M-HF		
M-AF		
C-HF		
C-AF		
WGS		
C-C/C		
M-C/C		
SP-MDV		
M-FD		
C-FD		
R-FD		
SP-IT		
SP-Sample Collection		

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Recipient Name	State	Track	Commodity	Analyte	Is this a backup commodity-hazard pair for the applicable budget period for this plan?
State X Dept. of Health Lab	State X	M-HF	enoki mushrooms	Listeria monocytogenes	no

tees on the Food Emergency Response Network (FERN) Portal (www.fernlab.org)

FDA or State proposed Commodity-Hazard pair?	Characterization to be performed and name of laboratory performing characterization - Serotyping, Enumeration, WGS	Derivation of Screening Method(s)
FDA	<i>LM enumeration; WGS - to be done by State X Dept of Health Lab</i>	<i>AOAC OMA 999.06 VIDAS LIS</i>

b.org)

Derivation of Confirmatory Method(s)	Do your screening/confirmatory method(s) include modifications (describe)	Do you already use this method for testing foods in your lab?
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BAM Ch 10

no

yes

Do you need to develop/validate/verify the method for this matrix prior to beginning collections?	Is the Method on your ISO Scope of Accreditation?	Date and Source of most recent PT covering analyte	Number of Samples - Annually
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no

yes

Dec. 2021

50

Number of unique analyses	Count towards Sample Load	Collection Organization/Program	Collection Location(s) - list all that apply
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1

State X Dept of Health Food
50 Regulatory Program

(D) Retail - Grocery

Collection Details	Additional Comments
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*will collect packaged
product at retail*

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Reipient Name	State	Track	Commodity	Analyte	Is this a backup commodity-hazard pair for the applicable budget period for this plan?
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State X Dept. of Ag
Lab

State
X

M-AF

Fish meal

Salmonella

no

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FDA or State proposed Commodity-Hazard pair?	Characterization to be performed and name of laboratory performing characterization - Serotyping, Enumeration, WGS
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FDA

WGS, molecuar serotyping (SeqSero) - to be done by State X Dept of Ag Lab

ERN) Portal (www.fernlab.org)

Derivation of Screening Method(s)	Derivation of Confirmatory Method(s)	Do your screening/confirmatory method(s) include modifications (describe)
AOAC OMA 2004.03 VIDAS SLM	BAM Ch 5	no

Do you already use this method for testing foods in your lab?	Do you need to develop/validate/verify the method for this matrix prior to beginning collections?	Is the Method on your ISO Scope of Accreditation?
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yes

no

yes

Date and Source of most recent PT covering analyte	Number of Samples - Annually	Collection Organization/Program	Collection Location(s) - list all that apply
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Dec. 2021

*State X Dept of Ag AFRPS
50 Program*

(M) Manufacturer/Processor

Collection Details	Additional Comments
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Will collect at ingredient manufacturers; pet food manufacturers.

none

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Recipient Name	State	Track	Commodity	Analyte Class
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State X Dept. of Health Lab State X C-HF *Infant and Toddler Foods (rice-based)* Toxic Elements

Items on the Food Emergency Response Network (FERN) Portal

Specific Analytes (e.g., list elements or mycotoxins that testing will include)	Is this a backup commodity-hazard pair for the applicable budget period for this plan?	FDA or State proposed Commodity-Hazard pair?
---------------------------------------------------------------------------------	----------------------------------------------------------------------------------------	----------------------------------------------

Total As; speciate iAs if over action level

no

FDA

al (www.fernlab.org)

Method Derivation (what is it based on, including version #)	Does your method include modifications (describe)	Do you already use this technology for testing foods in your lab?
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Total Arsenic: EAM 4.7 VERSION 1.2. Any samples above 100 ppb total arsenic: EAM 4.11 LC-ICP-MS for iAs determination. VERSION 1.1 no

yes

Do you need to develop/validate/verify the the method for this matrix prior to beginning collections?

Is the Method on your ISO Scope of Accreditation?

verify you can meet required MLOD/MLOQ (please list MLOD/MLOQ if state-proposed)

no

yes

yes

Date and source of most recent PT covering method/instrument	Number of Samples - Annually	Collection Organization/Program	Collection Location(s) - list all that apply
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<i>Dec. 2021</i>		<i>State X Dept of Health Food 50 Regulatory Program</i>	<i>(D) Retail - Grocery</i>
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Collection Details

Additional Comments

will collect packaged product at retail

SRP aware that iAs findings over action level are to be treated as preliminary, pending consult with FDA

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Recipient Name	State	Track	Commodity	Analyte Class
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State X Dept. of Health Lab State X C-AF Extruded Cat Food (Kibble) Contaminant and Nutrient Levels + Moisture

Items on the Food Emergency Response Network (FERN)

Specific Analytes (e.g., list elements or mycotoxins that testing will include)	Is this a backup commodity-hazard pair for the applicable budget period for this plan?	FDA or State proposed Commodity-Hazard pair?
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Cu, Zn, Fe, As, Cd, Hg, Pb;
Moisture

no

FDA

¶) Portal (www.fernlab.org)

Method Derivation (what is it based on, including version #)	Does your method include modifications (describe)	Do you already use this technology for testing foods in your lab?
<i>EAM 4.4 (Cu, Zn, Fe), Version 1.1; EAM 4.7 (Cu, Zn, As, Cd, Hg, Pb), Version 1.2; AOAC OMA 934.01 (Moisture)</i>	<i>no</i>	<i>yes</i>

Do you need to develop/validate/verify the the method for this matrix prior to beginning collections?

Is the Method on your ISO Scope of Accreditation?

Verify you can meet required MLOD/MLOQ (please list MLOD/MLOQ if state-proposed)

no

yes

yes

Date and source of most recent PT covering method/instrument

Number of Samples - Annually

Collection Organization/Program

Collection Location(s) - list all that apply

Dec. 2021

*State X Dept of Ag AFRPS
50 Program*

(D) Retail

Collection Details

Additional Comments

*will collect packaged product at
retail - pet stores*

none

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Recipient Name	State	Proposed WGS Tier/Number of Isolates for for the applicable budget period for this plan (per funding level; 100/250/400 isolates per budget period)
<i>State A</i>	<i>A</i>	<i>250 isolates/year</i>

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Is this the same WGS Tier as the previous budget period? note, you cannot increase your WGS tier beyond what your original LFFM application was approved for; however, you can reduce your tier voluntarily

yes

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Recipient Name	State	Project	FDA or state-proposed MDV Project	Carryover of previous budget period's Project?
State A	A	ICP-OES MLV	<i>FDA-proposed MDV Project</i>	yes
State A	A	<i>Matrix Extension of Loop-Mediated Isothermal Amplification (LAMP) for Salmonella Detection in Human Foods</i>	<i>FDA-proposed MDV Project</i>	no

Food Emergency Response Network (FERN) Portal

Confirm lab meets any eligibility requirements (please describe)

Confirm lab has required equipment (please describe)

approved in YR2 for ICP-OES MLV project

Lab has ICP-OES

Lab is approved for SP-MDV Track

Lab has ABI7500 Fast

al (www.fernlab.org)

Describe willingness/intent of lab to use new method capability in future (e.g., HAF Track testing in later budget periods, state surveillance testing, other applications/impact to state agency public health mission)

First choice or backup choice?

Will utilize new testing capability in YR4 HAF Track testing, if appropriate commodity-hazard pairs are offered; as well as use for state surveillance testing.

N/A - not a YR3 request

Will utilize new testing capability in YR4 HAF Track testing, if appropriate commodity-hazard pairs are offered; as well as use for state surveillance testing.

first choice

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Recipient Name	State	Track	Project/Objective Category
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<i>State A</i>	<i>A</i>	<i>M-FD</i>	<i>PTs</i>
<i>State A</i>	<i>A</i>	<i>M-FD</i>	<i>Maintain Readiness to receive and analyze food defense samples</i>
<i>State A</i>	<i>A</i>	<i>M-FD</i>	<i>Surge Capacity</i>
<i>State A</i>	<i>A</i>	<i>M-FD</i>	<i>Method Updates</i>
<i>State A</i>	<i>A</i>	<i>M-FD</i>	<i>Special Projects</i>

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Project/Objective Details	Required/Optional	Description
<i>Participate in all FERN Food Defense PTs and Exercises</i>	<i>Required</i>	<i>Any additional detail supporting this objective</i>
<i>Participates in FERN PTs and maintains readiness for scre</i>	<i>Required</i>	<i>Any additional detail supporting this objective</i>
<i>Provide analytical surge capacity for FDA and other states for food defense/emergency response, Rapid Response Team (RRT) testing situations</i>	<i>Optional</i>	<i>Any additional detail supporting this objective</i>
<i>Participate in Triage Method workgroup</i>	<i>Optional</i>	<i>Any additional detail supporting this objective</i>
<i>Cbot MALDI-TOF Project Matrix Extension</i>	<i>Optional</i>	<i>Any additional detail supporting this objective</i>

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Recipient Name	State	Track	Project/Objective Category
State A	A	C-FD	PTs
State A	A	C-FD	Maintain Readiness to receive and analyze food defense samples
State A	A	C-FD	Surge Capacity
State A	A	C-FD	Addressing Method Gaps
State A	A	C-FD	Special Projects

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Project/Objective Details	Required/Optional
<i>Participate in all FERN PTs and Exercises</i>	<i>Required</i>
<i>CHE.0006, CHE.0008, and CHE.0009 (EAM 4.7)</i>	<i>Required</i>
<i>Provide analytical surge capacity for FDA and other states for food defense/emergency response, Rapid Response Team (RRT) testing situations. Can support: melamine/cyanuric acid, poison/toxin screen, etc.</i>	<i>Optional</i>
<i>Nitrate/nitrite in foods method development</i>	<i>Optional</i>
<i>Participate in Chem-FD Exercise</i>	<i>Optional</i>

EN Portal (www.fernlab.org)

Description

*Any additional detail
supporting this objective*

*Any additional detail
supporting this objective*

*Any additional detail
supporting this objective*

*Any additional detail
supporting this objective*

*Any additional detail
supporting this objective*

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Recipient Name	State	Track	Project/Objective Category
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State A *A* *R-FD* *PTs*

State A *A* *R-FD* *Maintain Readiness to receive and analyze food defense samples*

State A *A* *R-FD* *Surge Capacity*

State A *A* *R-FD* *Method Updates*

grantees on the Food Emergency Response Network (FERN) Portal

Project/Objective Details	Required/Optional	Description
<i>Participate in annual FERN Rad Exercise</i>	<i>Required</i>	<i>Any additional detail supporting this objective</i>
<i>We maintain standard methods for gross alpha/beta, gamma, alpha, and liquid scintillation counting for a variety of matrices.</i>	<i>Required</i>	<i>Any additional detail supporting this objective</i>
<i>Provide analytical surge capacity for FDA and other states for food defense/emergency response, Rapid Response Team (RRT) testing situations</i>	<i>Optional</i>	<i>Any additional detail supporting this objective</i>
<i>Validate a method to Determine Po-210 in Food by Alpha Spectroscopy</i>	<i>Optional</i>	<i>Any additional detail supporting this objective</i>

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Recipient Name	Discipline State (Chem/Micro) Project
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State A	A Micro <i>Recovery and identification of Salmonella from agricultural water using dead-ended ultrafiltration (DEUF)</i>
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State A	A Chem <i>FDA Harmonized Pesticide Method</i>
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Confirm lab meets any eligibility requirements (please describe)

Confirm lab has required equipment (please describe)

Lab participated in YR2 C/C DEUF Track

Lab can conduct DEUF testing for EHEC and Cyclospora

Lab is approved for C/C Track

Lab has LC Triple Quad ABSciex 6500 and GC Triple Quad Agilent

ERN) Portal (www.fernlab.org)

Describe willingness/intent of lab to use new capability/capacity in future (e.g., HAF Track testing in later budget periods, state surveillance testing, participate in future MDV projects to expand the method/testing, other applications/impact to state agency public health mission)

First choice or backup choice?

Will utilize to support outbreak testing related to produce farm environmental assessments. Will utilize new testing capability in YR4 HAF Track testing, if appropriate commodity-hazard pairs are offered.

First choice - Micro

Will utilize new testing capability in YR4 HAF Track testing, if appropriate commodity-hazard pairs are offered; as well as use for state surveillance testing.

first choice - chem