

MT LABORATORY SERVICES BUREAU

KIM NEWMAN, MS, M(ASCP)CM

LABORATORY PREPAREDNESS SPECIALIST

GRANT WORKSHOP MAY 2024





MT LABORATORY SERVICES BUREAU

Who we are

What we do

Lab
Deliverables

STRUCTURE

Montana Laboratory Services
Bureau

Laboratory System
Improvement

Laboratory Preparedness

MT Public Health
Laboratory

Biological Preparedness

MT Environmental
Laboratory

Chemical Preparedness



OUR SERVICES:

- ❖ DIAGNOSTIC TESTING OF HUMAN SPECIMENS
- ❖ LRN-B TESTING FOR BIOTHREAT AGENTS (DESIGNATED BY CDC AND FBI)
- ❖ CHEMICAL ANALYSIS OF WATER (PUBLIC WATER SUPPLIES AND PRIVATE WELLS)
- ❖ CHEMICAL ANALYSIS OF WASTEWATER SAMPLES
- ❖ LRN-C TESTING FOR CHEMICAL AGENTS INVOLVED IN CHEMICAL THREAT EVENTS (HUMAN SPECIMENS)



INTRODUCTION

MT LABORATORY SERVICES DELIVERABLES DEMONSTRATE ELEMENTS REQUIRED BY CDC'S NATIONAL STANDARD PUBLIC HEALTH EMERGENCY PREPAREDNESS AND RESPONSE CAPABILITIES.

❖ DOMAIN: BIOSURVEILLANCE

CAPABILITY 12: PUBLIC HEALTH LABORATORY TESTING

- F1: LAB TESTING/REPORTING
- F2: ENHANCE LAB COMMUNICATIONS/COORDINATION
- F3: SUPPORT TRAINING/OUTREACH

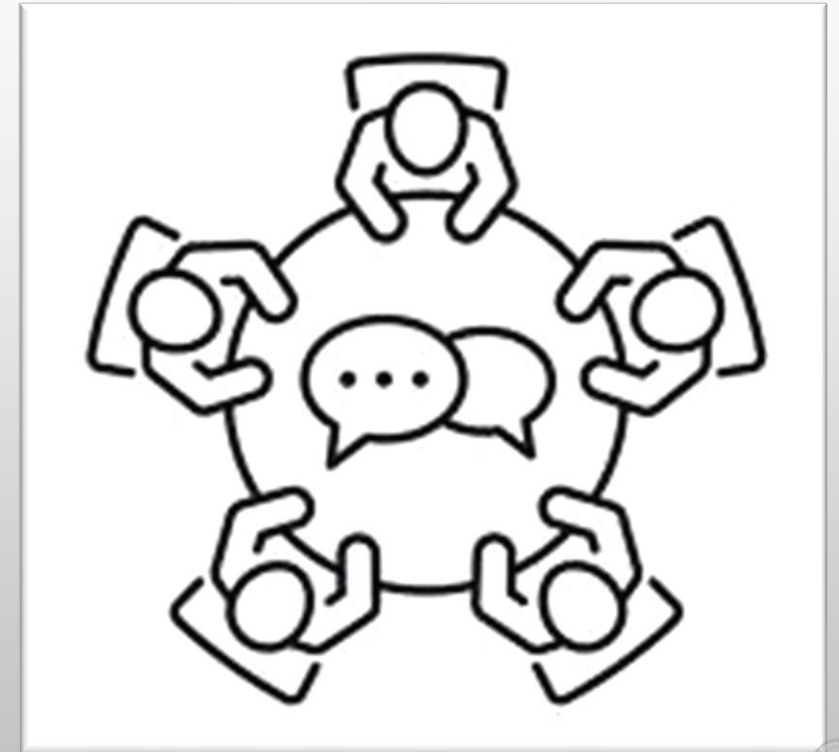


DELIVERABLE: HIGHLIGHTS

L1: ALL-HAZARDS LABORATORY SPECIMEN TRANSPORT PLAN CHECKLIST

*PURPOSE: ALL ENCOMPASSING TRANSPORTATION
PLAN (BT, CT, EMERGING DISEASES)*

- DOWNLOAD CHECKLIST FROM MTPHL RESOURCES WEBPAGE
- REVISE THE PLAN BASED ON GAPS IDENTIFIED
- MEET WITH LOCAL HAZMAT RESPONSE PARTNERS, LEPC/TERC, LE, LOCAL HOSPITAL TO REVIEW, GATHER FEEDBACK, AND REVISE
- HAVE PARTNERS SIGN OFF AFTER FINAL REVIEW
- DUE **ANY** QUARTER

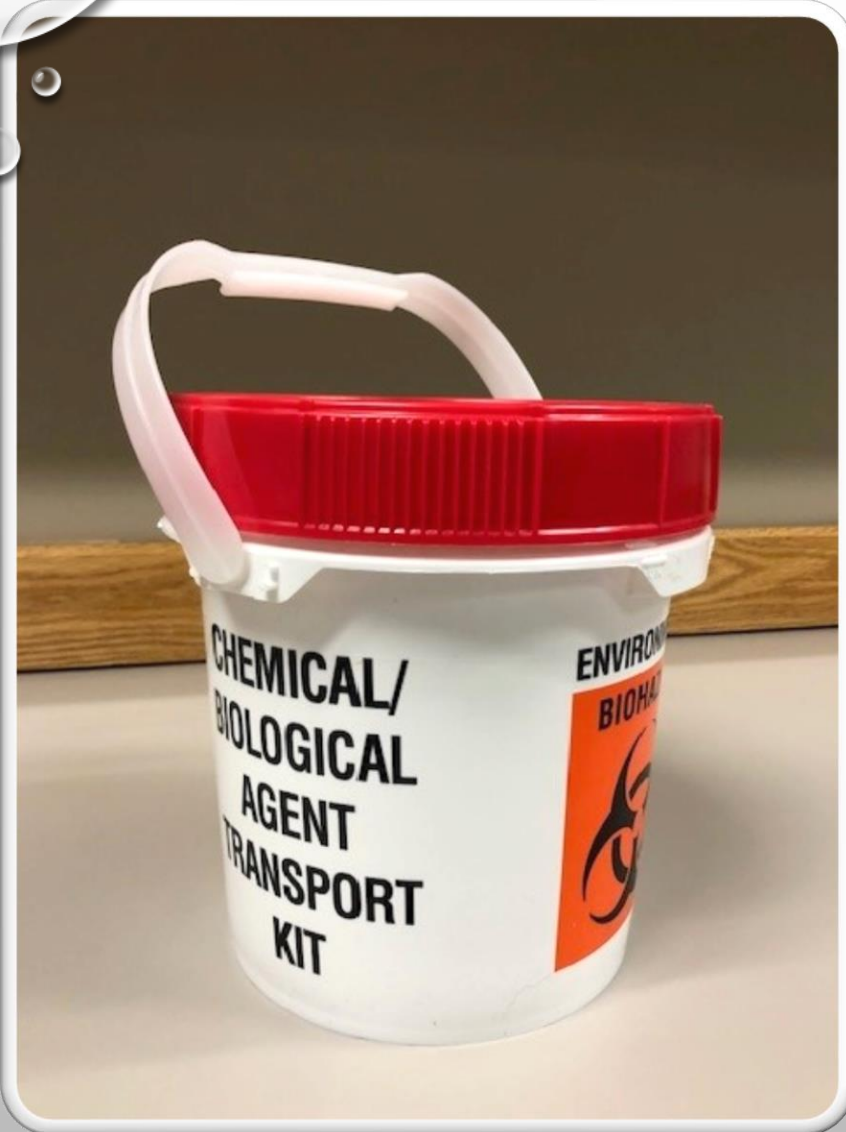


DELIVERABLE: HIGHLIGHTS

L2: CBAT KIT INSPECTION AND INVENTORY

*PURPOSE: FOR CREDIBLE POWDER/LIQUID/LETTER
THREAT SAMPLING*

- GIVE THE FORMSTACK LINK TO THE RESPONSIBLE PERSON
- FILL OUT THE INVENTORY
- NEW “RESEALED KIT” QUESTION ON INVENTORY
- **UPDATE THE MTPH DIRECTORY**
- DUE **FIRST QUARTER**



LABORATORY ANALYSIS: LRN-B AND CHEMISTRY

Bacteria

Bacillus anthracis

Francisella tularensis

Yersinia pestis

Burkholderia spp.

Virus

Orthopox Virus

Toxin

Ricin

Chemical

Environmental Analytes

Cyanide

Heavy Metals

Volatile organic compounds (VOC)

Laboratory testing:
4 to 48 hours
(test dependent)



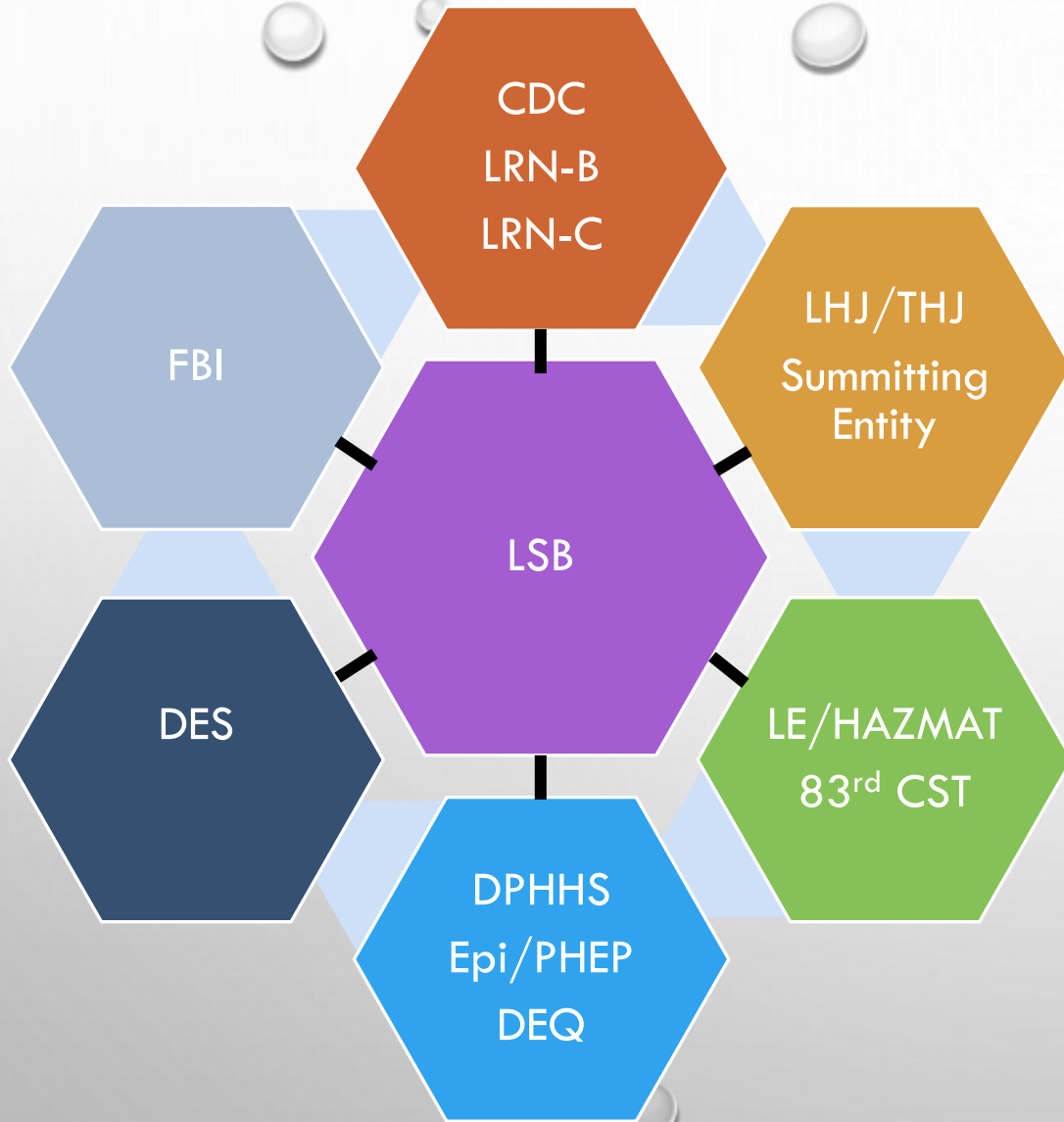
DELIVERABLE: HIGHLIGHTS

L3: DWES KIT INSPECTION AND INVENTORY

*PURPOSE: SUSPECTED/CREDIBLE
CONTAMINATION THREAT EVENT
OF PUBLIC WATER SUPPLY*

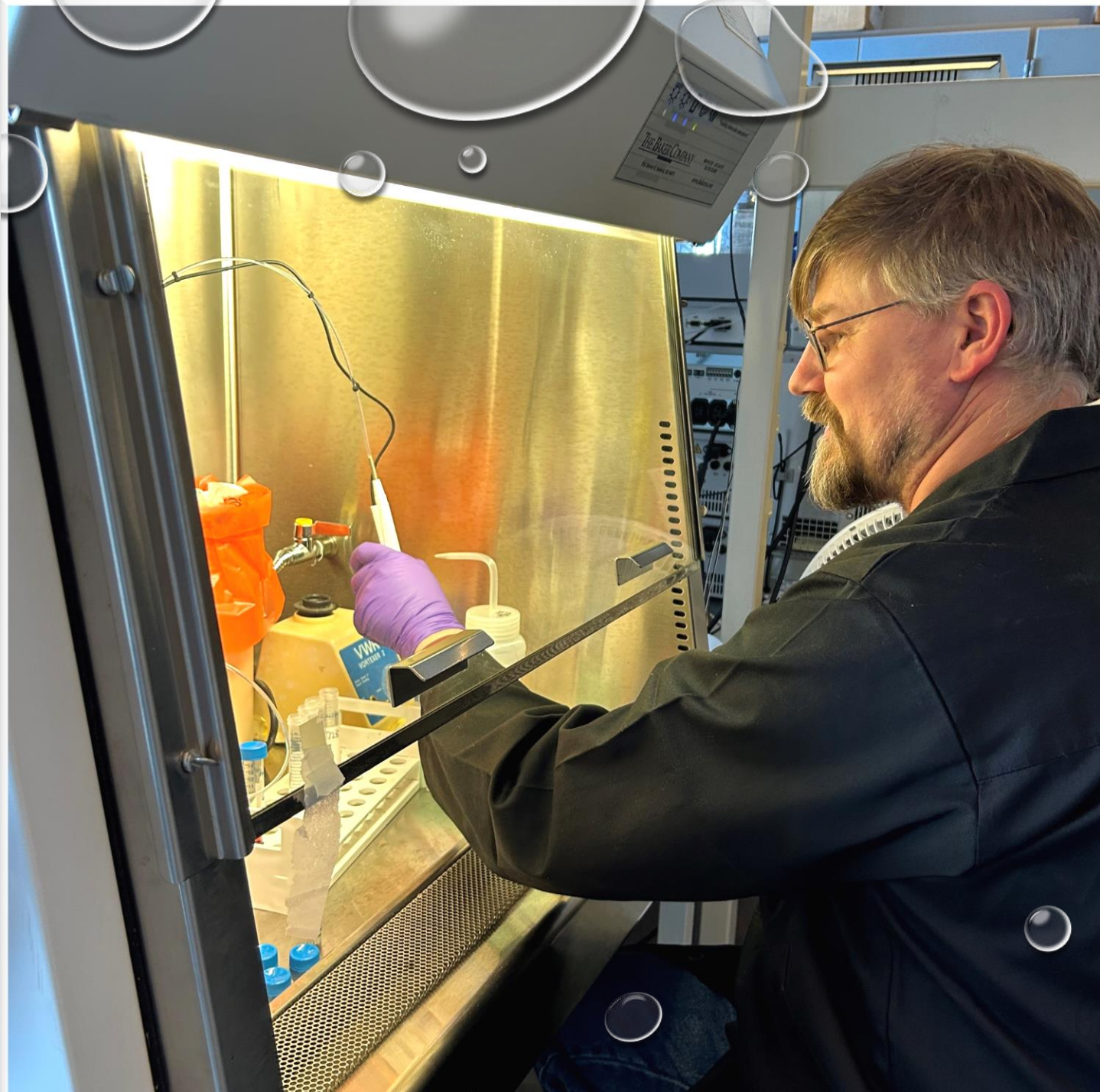
- GIVE THE FORMSTACK LINK TO THE RESPONSIBLE PERSON
- FILL OUT THE INVENTORY
- NEW “RESEALED KIT” QUESTION ON INVENTORY
- **UPDATE THE MTPH DIRECTORY**
- DUE **SECOND** QUARTER





RE-ESTABLISHING/DEVELOPING PARTNERSHIPS

- ✓ **FEDERAL PARTNERS**
- ✓ **STATE PARTNERS**
- ✓ **LOCAL PARTNERS**



QUESTIONS?

KNEWMAN@MT.GOV

1-406-444-3068