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Objectives

- Review components of the BAT/CAT Kit
- Discuss locations of BAT Kits
- Define Cold Zone, Warm Zone, Hot Zone
- List basic collection steps
- Discuss transport of specimen
BAT/CAT Kit

- For collection of biological and chemical environmental samples
- May be a powder, solid, or liquid
BAT Kit Locations

- ND LRN Sentinel Laboratories
- Regional Health Units
- County Sheriff’s Offices
- ND DoH Regional Field Epidemiologists
- ND State Highway Patrol district offices & headquarters
- Major city’s police departments and fire departments
COLD ZONE

- Safe zone, or Clean zone, away from the specimen area
- Large bucket (B) with locking lid
- Seal or evidence tape
- Ziploc bag with instructions, chain of custody (CoC) form, and Evidence tape
- Small bucket (A) with its contents
BAT Kit Components

- **WARM ZONE**
  - Buffer zone between cold and hot zone
  - Cardboard cylinder containing absorbent pad
  - Evidence tape
  - Evidence bag
  - Permanent marker
BAT Kit Components

- HOT ZONE
  - Danger zone where the specimen is located
  - Glass jar in sterile packaging
  - Spatula for collecting solids or powders
  - Pipet for aspirating liquids
  - Swab transport kit
Decontamination solution not included in kit
- 10% bleach solution is recommended
- Make fresh at the time of use
I. PREPARATION

- Call State Radio 1-800-472-2121
- Verify the inventory of the BAT kit
- Qualified personnel will collect samples from the “Hot Zone”
  - Wear appropriate PPE
II. HOT ZONE

- Collect specimen
  - A. Powders or Solids
    - Use spatula to collect and place into glass jar OR
    - Use swab transport kit if powder is dispersed
  
  - B. Liquids
    - Pipet liquid into glass jar

- Decontaminate
III. **WARM ZONE**

- Pass to warm Zone; place in cardboard cylinder
- Place in evidence bag
- Place in small bucket (A) while in warm zone
- Decon small bucket, seal with evidence tape
IV. COLD ZONE

- Complete CoC
- Place small bucket (A) in large bucket (B), seal with evidence tape
- Sign and date evidence tape
- Coordinate transport of BAT kit
- Complete CoC form, place in ziploc bag
ND Highway Patrol transports to Laboratory

- 2635 E Main Ave, Bismarck ND
- Deliver to WEST entrance
Questions?

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NORTH DAKOTA DEPARTMENT OF HEALTH
Thank You!