

81st WMD-CST Mission

Support

Civil authorities at a domestic Chemical, Biological, Radiological, Nuclear or Explosive (CBRNE) incident site by identifying CBRNE agents/substances.

Assess

Current and projected consequence of a CBRNE event.

Advise

Civil authorities on response measures.

Assist

Civil authorities with appropriate requests for State support.

What We Do

We work for the incident commander and directly support incident goals and objectives

- Respond to intentional or unintentional release of CBRNE agents and natural or man-made disasters in the United States that results in, or could result in, catastrophic loss of life or property.
- Provide presumptive identification of CBRNE agents.
- Provide recommendations on event mitigation, medical treatment, and follow-on State and Federal resources.

To Request the 81st

WMD-CST

**Contact Your Local
Emergency Manager**

Or

**Contact the North Dakota
Department of Emergency
Services at 1-800-472-2121**

Contact Information for the 81st WMD-CST

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81st Weapons of Mass Destruction- Civil Support Team (WMD-CST)



81st COMMAND TEAM

Command and control the 81st WMD-CST and coordinate with the local Incident Commander.

Advance Team—90 Minutes

Full Team Response—3 Hours



COMMUNICATIONS



- Secure telephone, Internet, networking, and facsimile capabilities
- Interface for interoperability with first responders
- Reach back to various experts throughout the United States

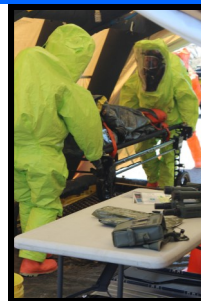
SURVEY TEAM

- Site Characterization
- Monitoring
- Detection
- Sample Collection
- Limited Mitigation Operations



DECONTAMINATION TEAM

- Chemical, Biological and Radiological Decontamination.
- No Mass Decontamination Capabilities.



MODELING / MAPPING

- Provide Plume Modeling
- Hazardous Predictions and Assessment Capabilities
- Reach Back with National Atmospheric Release Advisory Center (NARAC)
- ESRI ArcGIS
- (Geographical Information System)

MEDICAL OPERATIONS

- Team Medical Care
- Coordination with Local Medical Personnel
- Advise on Treatment of WMD Casualties
- Medical Intelligence Liaison
- Conduct Medical Reach Back

MOBILE ANALYTICAL LABORATORY

- Dual BSL3 capable gloveboxes
- Agilent Gas Chromatography/Mass Spectrometry (GC/MS)
- Fourier Transform Infrared Spectrometry (FTIR)
- Polymerase Chain Reaction (PCR)
- Electrochemiluminescence (ECL)

