



CHEMICAL, BIOLOGICAL, RADIOLOGICAL, NUCLEAR and EXPLOSIVE (CBRNE) PLAN

Reviewed and Revised 11/21/2016

**CHEMICAL, BIOLOGICAL, RADIOLOGICAL, NUCLEAR, and EXPLOSIVE (CBRNE) RESPONSE PLAN
TRUMBULL COUNTY COMBINED HEALTH DISTRICT**

PURPOSE: In the event of a naturally occurring or intentional threat involving Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) agents, it may be necessary that the Trumbull County Combined Health District be prepared to respond to such emergencies to minimize public health effects and manage the consequences by appropriate response plan.

ASSUMPTIONS:

- In the event of a CBRNE incident, Trumbull County response agencies may receive State and Federal agency assistance and guidance. The designated response agencies have sophisticated systems to detect and monitor CBRNE agent exposures and predict its spread. Trumbull County Combined Health District will not duplicate these resources.
- Outside assistance would complement and not supplement Trumbull County Combined Health Districts own operating system.
- Trumbull County Combined Health District (TCCHD) and Warren City Health Department (WCHD) in Trumbull County, referred to as Trumbull County Public Health, will work cooperatively in situations within Trumbull County's geo-political boundaries (see map). In the event of a CBRNE incident, one single Health Department will provide command for all Health Department functions.
- All the agencies involved would operate under the Incident Command System.
- This plan is a supplement to the Trumbull County Public Health Emergency Response Plan (ERP) and will be used to compliment the ERP when a CBRNE agent or other Special Pathogen is the identified as a public health threat.

OPERATIONS:

- Trumbull County Public Health activates their ERP and its coordinating Annexes and Appendices as indicated during a public health event or disaster.
- Trumbull County Public Health will participate as a lead or supporting response agency depending on the type of CBRNE event. Public Health will follow local guidelines, ordinances, and laws as well as guidelines given from the Ohio Department of Health (ODH) and the Centers for Disease Control (CDC) during an event.
- Local government officials have first line of responsibility for emergency planning and response within their jurisdiction.
- Many elements of local, state and federal government will be integrated into a coherent biological response system including Facilities, Equipment, Trained Personnel, Communications, Plans and Procedures.

COMMUNICATION / NOTIFICATION:

- Notification of the event is made to the Trumbull County Public Health Departments through multiple avenues:
 - a. Concerned or threatened citizen
 - b. 911 Center
 - c. Emergency Management Agency (EMA)
 - d. Other first responder agency
 - e. The threatening person or organization
- The primary Trumbull County Public Health responding agency will notify Law Enforcement, Ohio Department of Health (ODH), Trumbull County EMA, and NECO Region.
- The primary Trumbull County Public Health responding agency consults with other local, state, and federal agencies regarding Evacuation, Isolation and Quarantine, Sheltering in place, Risk of contagion, Decontamination of individuals, Specimen Collection, Prophylaxis/Vaccine, Surveillance, and Public Health Advisories.
- Trumbull County Public Health will follow their Communication Response Plan and Annex.

HEALTH DEPARTMENT RESPONSIBILITIES

A. BIOLOGICAL:

Responsibilities:

- Trumbull County Public Health would be considered a lead response agency in a exposure or attack with a Biological agent such as Anthrax, Botulism, Plague, Smallpox, Tularemia, Viral Hemorrhagic Fever (e.g. Ebola), and Other Special Pathogens (OSP). The Biological Policy and Procedure (see Appendix A) would be followed to assist with these incidents.

Trumbull County Public Health would provide assistance with:

- Transportation
- Responder Safety and Personnel Protective Equipment (PPE)
- Exposure assessment
- Conduct surveillance and provide analysis.
- Decontamination and Waste Management
- Non Pharmaceutical Interventions such as Isolation and Quarantine
- Prophylaxis/vaccine use
- Methods of collecting samples
- Provide up to date guidance on triage, infection control, and treatment to the hospitals, physicians, and EMS staff as provided by ODH/CDC.
- Coordinate with Red Cross, Trumbull County EMA and other agencies for assistance with shelters
- Provide health and medical support at the any opened shelters

- Prepare public health information to be distributed to responders, medical professionals, and the public and coordinate with contiguous county health departments

B. CHEMICAL, RADIOLOGICAL, NUCLEAR, EXPLOSIVES:

Responsibilities:

Trumbull County Public Health will play a supportive role in the response in Chemical, Radiological, Nuclear, and Explosive Incidents. First responder agencies such as Fire, Police, Hazmat, EPA, etc. will be the lead agencies in this type of incident.

Trumbull County Public Health might provide assistance with:

- Transportation
- Responder Safety and Personnel Protective Equipment (PPE)
- Exposure assessment
- Conduct surveillance and provide analysis.
- Decontamination and Waste Management
- Non Pharmaceutical Interventions such as Isolation and Quarantine
- Prophylaxis/vaccine use
- Methods of collecting samples
- Provide up to date guidance on triage, infection control, and treatment to the hospitals, physicians, and EMS staff as provided by ODH/CDC.
- Coordinate with Red Cross, Trumbull County EMA and other agencies for assistance with shelters
- Provide health and medical support at the any opened shelters
- Prepare public health information to be distributed to responders, medical professionals, and the public and coordinate with contiguous county health departments

RESOURCES COORDINATION

1. Transportation: (See Appendix B)
 - Trumbull County Public Health will identify transportation providers, the mechanism for transport, and the necessary Personal Protective Equipment (PPE) for transportation of suspect or confirmed cases infected with biological agents.
2. Responder Safety and PPE: (see Appendix C)
 - Trumbull County Public Health will provide recommendations and guidance for PPE to first responders, hospitals and the public.
 - Trumbull County Public Health will assess first responders and hospitals PPE cache to determine need.
 - Trumbull County Public Health will work with Trumbull County EMA to acquire and distribute PPE to first responders, hospitals and the public.
3. Epidemiology and Surveillance: (see Appendix D)
 - Trumbull County Public Health will be the lead agency in assessing exposure and conducting surveillance.
 - Trumbull County Public Health will coordinate with ODH and CDC for assistance and recommendations.

- Trumbull County Public Health will follow their Epidemiology Plan and Annex for policies, procedures and forms.
4. Non Pharmaceutical Intervention:
 - Trumbull County Public Health will follow the Trumbull County Quarantine Plan to provide recommendations for community-wide social distancing, and to enforce Isolation and Quarantine orders as indicated.
 - Trumbull County Public Health will coordinate with the Trumbull County EMA, and other government agencies in Trumbull County to provide alternate housing when needed for the purpose of Isolation and Quarantine.
 5. Pharmaceuticals and Vaccines:
 - Trumbull County Public Health will play a lead response role in distributing pharmaceuticals or vaccine to first responders and the public.
 - Trumbull County Public Health will work in coordination with Trumbull County EMA for obtaining materials needed.
 - Trumbull County Public Health will follow their SNS and Mass Dispensing Plan and Annex for policies, procedures, and forms.
 6. Decontamination and Waste Management:
 - The Trumbull County Hazmat Team will be the lead agency for decontamination. Trumbull County Public Health will play a supporting role as indicated.
 - ODH will manage Category A waste which includes Ebola and Other Special Pathogens.
 - Trumbull County Public Health will consult with ODH before acting on any Category A waste concern.
 - Trumbull County Public Health will collaborate with ODH, Trumbull County Coroner, and Ohio Funeral Association in management of human remains.
 7. Evacuation and Sheltering:
 - Red Cross and Trumbull County EMA will be the lead agencies in requesting and setting up shelters as needed during a disaster. Trumbull County Public Health will play a supporting role as indicated.
 - Trumbull County Public Health may dispatch sanitarians to inspect the safe habitation in the designated shelters in coordination with Red Cross.
 - Trumbull County Public Health may dispatch public health nurses to the shelters to provide assistance in providing the disease investigation and surveillance and administering the prophylaxis/vaccine in coordination with Red Cross if indicated.
 - Medical Reserve Corps volunteers may be dispatched to assist at the Red Cross shelter.
 8. Public Information: (See Appendix E)
 - Trumbull County Public Health will prepare public health information to be distributed to responders, medical professionals, and the public.
 - Trumbull County Public Health will follow their Communication Plan and Annex for policies, procedures and forms.
 - Trumbull County Public Health will collaborate with ODH and CDC for information to be disseminated.

- For most CBRNE events a Joint Information Center (JIC) will be established because many agencies will be responding to the incident.
- Each responding agency will be responsible for materials, instructions, and updates that will need to be released publicly.
- The JIC will coordinate this information before it is released as a way to keep the message to the public consistent. One spokesperson will be appointed to address the media.