

Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Trailers

Purpose: Polk County Emergency Management Agency has available three (3) trailers for the purpose of supporting hazardous materials/Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) incidents.

Equipment and supplies are available for managing the consequences of, and supporting:

1. Establishing isolation perimeters;
2. Decontaminating on-site victims, responders, and equipment;
3. Coordinating off-site decontamination with relevant agencies;
4. Providing personal protective equipment; and
5. Supporting logistical needs such as power generation and lighting.

This could be the result of an accidental or intentional release. See the equipment list for itemized equipment and supplies contained in each trailer.

Scope: Trailers will be made available to requesting agencies within Polk County. Agency requests from outside Polk County will be reviewed on a case-by-case basis by Polk County Emergency Management with consideration given to existing or arranged agreements. In addition, individual pieces of equipment from the trailers may also be made available under certain circumstances by Polk County Emergency Management.

Trailer Host Agency Locations:

CBRNE#1 – Ankeny Fire Station #2 (665 SE Oralabor Rd.)
CBRNE#2 – West Des Moines Fire Station #18 (5025 Grand Ave.)
CBRNE#3 – Pleasant Hill Public Works Garage (1600 S. Pleasant Hill Blvd.)

Incident/Emergency Trailer Deployment Procedure:

1. Des Moines Fire Department Hazardous Materials Team or the Incident Commander may make the request for the trailer(s).
2. Utilizing the local dispatch center, the requesting agency shall make the request for the nearest CBRNE trailer to be delivered to the requested location by the host agency.
3. Arrangements should also be made between the requesting agency and the host agency for the return of the trailer.
4. Polk County Emergency Management shall be notified of any trailer deployments by the dispatch center.
5. The trailer shall be promptly returned to the appropriate host agency.
6. Any supplies or equipment consumed should be reported to Polk County Emergency Management within 7 days.

Non-Emergency/Training/Exercise/Demonstration Deployment Procedure:

1. Requesting agency notifies Polk County Emergency Management of trailer/equipment need(s).
2. Polk County Emergency Management determines appropriateness of request and notifies CBRNE trailer host agency and Des Moines Fire Department Hazardous Materials Team.
3. Equipment checked out by requesting agency shall use the CBRNE Trailer Equipment Check-Out Form located in the trailer on a clipboard near the door.
4. Requesting agency is responsible for checking back in the equipment or replacing disposable equipment consumed.

Special Considerations:

1. Trailer box is 20' in length (24' with hitch).
2. Minimum recommend tow vehicle is a one ton or larger truck.
3. Tow vehicle should be equipped with a 2-5/16" ball hitch.
4. Tow vehicle should be equipped with a standard 7-pin (RV) electrical connector with electric brake capability.
5. Driver shall be experienced with driving a truck and towing a trailer.
6. Responders should not exceed their level of training/certification while using equipment from the trailer(s).
7. The requesting agency shall be financially responsible for replacement of any contents consumed during deployment or replacement/repair of any damaged equipment. This should be coordinated with Polk County Emergency Management within 7 days.

Liability:

The requesting agency will assume any liability for damage caused by or to the trailer.

Key Holders:

Polk County Emergency Management Director (1)
Polk County Emergency Management Assistant Coordinator (1)
Ankeny Fire Department (1)
West Des Moines Fire Department (1)
Pleasant Hill Fire Department (1)

CBRNE Equipment List

Category	# Units	Item Description
Containment	2	Electric water pumps
	1	Manual water pump
	2	Overpack drum sets
	6	Andex tank traps
	2	150 Gallon bladders
	1	500 Gallon bladder
	10	Tarps
Decontamination	1	Drash tent with decking, plumbing, and accessories
	1	Reeves G2 water heater system
	1	Conveyor system for stretchers
	5	Stingray litters
	2	Raven litters
	1	Deer hauler
	4	Garden hoses (65' each)
	4	Garden hose nozzels
	12	Plastic buckets
	8	Scrub brushes
	4	2 Gallon garden sprayers
1	High pressure manifold 2-1/2" to 6 gated 3/4"	
Logistical Support	1	4500 Watt Generator
	2	Yellowjacket extension cords (100' each)
	2	Extendapod light towers
	1	100' power cord with junction box
	1	50' power cord with junction box
	1	3-prong conventional to 3-prong locking pigtail converter
	2	Bullhorns
	10	42" traffic cones with bases
	10	18" traffic cones
	4	2' step ladders
	1*	Radiant heater (*on CBRNE#2/WDM only)
Personal Protective Equipment	10	Hardhats
	12	Millenium CBRNE gas masks
	12	Millenium CBRNE gas mask canisters
	7	Size 10 hazmat boots
	10	Size 11 hazmat boots
	13	Size 12 hazmat boots
	3	Size 13 hazmat boots
	30	Latex boot covers
	7	Size L Tyvek coveralls
	10	Size XL Tyvek coveralls
	10	Size XXL Tyvek coveralls
	6	Size XXXL Tyvek coveralls
	30	Pairs of Butyl gloves
	12	Splash shields
	8	Boxes of inner gloves
	5	Size XL Tychem BR suits (level A fully encapsulated)
	5	Size XXL Tychem BR suits (level A fully encapsulated)
5	Size XXXL Tychem BR suits (level A fully encapsulated)	
Miscellaneous	4	Rolls of Chemtape

