



Emergency Support Function #10

Hazardous Materials

2024

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Approval Signatures

The undersigned have hereby reviewed and approved ESF #10 of the Outagamie County Emergency Response Plan:

County Board Chairperson

Date

Emergency Management Director

Date

Emergency Support Function #10 Hazardous Materials

Purpose

ESF #10 – Hazardous Materials is used to describe the risks and response resources and capabilities, and to define methods, roles, responsibilities, and inter/intra-organizational relationships of governments and private organizations to support the response to and recovery from hazardous substance releases in accordance with the requirements set forth in Title III of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III), PL 99-499, and WI Act 342, with the ultimate intent to ensure the protection of individuals, property and the environment of Outagamie County from the harmful effects of such releases, whether man-made or natural. ESF #10 also refers to incidents involving the use, storage, production, and transportation of hazardous materials.

Scope

The overall scope of ESF #10 is to provide a coordinated response to hazardous materials releases at all levels within Outagamie County by placing the hazard-specific response mechanisms of the National Response Plan (NRP), the State Response Plan (SRP), and the County Emergency Response Plan (ERP). These include not only response and mitigation, but also the introduction of lead coordination roles, the division, and specification of responsibilities among all response agencies.

For the purposes of ESF #10, the term hazardous material is synonymous with hazardous substance.

Definitions

Hazardous Substance: As described by the National Contingency Plan (NCP), to be any substance designated pursuant to section 311 (b)(2)(A) of the Clean Water Act; any element, compound, mixture, solution, or substance designated pursuant to section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (but not including any waste the regulation of which under the Solid Waste Disposal Act [42 USC § 6901 et. seq.] has been suspended by an act of Congress); any toxic pollutant listed under section 307(a) of the Clean Water Act (42 USC § 7521 et seq.); and any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken

action pursuant to Section 7 of the Toxic Substances Control Act (15 US § 2601 et seq.).

Policies

The Emergency Management Director or designee has the designated authority to implement county ESF #10 in response to a hazardous materials release.

The Chief Elected Official or his/her designee should contact County Emergency Management to request resources from Wisconsin Emergency Management should County capabilities become exhausted.

Incidents are managed utilizing the Incident Command System (ICS) as required under the provisions of 2004 Wisconsin Executive Order 81 and 2003 Wisconsin Act 186.

Concept of Operations

There are two basic situations involving hazardous materials that would threaten the community:

1. An accidental release of hazardous materials
2. Purposeful release of hazardous materials or the use of chemical, biological, radiological, nuclear, and/or explosive substances.

The Outagamie County Local Emergency Planning Committee (LEPC) has been established to identify the potential magnitude of local chemical hazards and provide planning guidance for emergency response agencies in the form of an EPCRA Hazardous Materials Off-Site Facility Plan (Attachment 1). These plans are specific to each site that stores, uses, or distributes any Extremely Hazardous Substance (EHS). The facility-specific plan designates a point of contact (Facility Emergency Coordinator) and is a significant part of planning for hazardous materials release. The facility or responsible party will provide the necessary emergency response information about the facility to the LEPC through Outagamie County Emergency Management and to local emergency responders through the Wisconsin Hazmat Online Planning and Reporting System (WHOPRS) on a regular basis or as requested, as per EPCRA Section 303 and s. 323.60, Wis. Stats.

Outagamie County has entered into an agreement with the Appleton Fire Department (updated 2020 and is automatically renewed each year), to respond to all hazardous materials incidents within the county, if requested.

Appleton is part of the Wisconsin Hazardous Materials Response System, Northeast Task Force. The Appleton Fire Department, Green Bay Metro Fire Department and Oshkosh Fire Department make up a NIMS (National Incident Management System) Type II Team to provide regional response to hazardous material incidents within a designated area or as requested by WEM.

Other fire departments within the County are trained to various levels.

The County/State Hazardous Materials Team will be enroute to the scene within 15 minutes of notification. Over the phone consultation can also be provided.

Primary and Supporting Agencies

Outagamie County

Primary Agencies

Local Fire Department
County Hazardous Materials Team
County Emergency Management/Local EM

Supporting Agencies

County Sheriff's Department/Local Law Enforcement
County Health and Human Services – Public Health Division
County Highway Department/Local Public Works

State of Wisconsin

Primary Agency

Wisconsin Emergency Management (WEM)

Supporting Agencies

None noted.

Likely Support Includes

- Provide for a coordinated, effective, and efficient response to discharges and releases of hazardous materials by placing human, financial, and material resources into action in the impacted area.
- Establish lead coordination roles and division and specification or responsibilities among state agencies which may be brought to bear in response action.
- Coordinate state departments and agencies with responsibilities and assets to support the local response to actual and potential discharges and releases of hazardous materials.

Federal**Primary Agency**

Environmental Protection Agency

Supporting Agencies

Department of Agriculture
Department of Commerce
Department of Defense
Department of Energy
Department of Health & Human Services
Department of Interior
Department of Justice
Department of Labor
Department of State
Department of Transportation
Nuclear Regulatory Commission
U. S. Coast Guard
National Aeronautics and Space Administration
National Communications System
Nuclear Regulatory Commission
Small Business Administration
Voluntary Organizations

Likely Support Includes

- Supplemental or direct response to discharges/releases of hazardous materials as per the “National Oil and Hazardous Substances Pollution Contingency Plan”.
- Deployment of National Response Teams or components.
- Appropriate response actions include efforts to detect, identify, contain, clean up, or dispose of hazardous materials.

Responsibilities and Tasks

Primary Agency: Local Fire Department

Mitigation and Preparedness Phase

- Maintain contact lists for response
- Maintain an awareness level of the planning facilities with EHS (extremely hazardous substances) within their jurisdiction

Response Phase

- The IC will convey their assessment to the Communications Center (911) and/or EOC as soon as possible
- The local fire department having jurisdiction will retain control of the incident
- Request for the HazMat Team is done by contacting the Communications Center (911)
- Notify the local Emergency Manager of the incident
- If HazMat has been requested, notify the on-call staff person for Outagamie County Emergency Management through the Communications Center (911)
- HazMat will coordinate with the IC to determine the appropriate procedures
- Local jurisdiction along with HazMat will provide emergency decontamination procedures as necessary

Recovery Phase

- Complete substance release form and submit it to Outagamie County Emergency Management
- Participate in the debriefing and After Action Report (AAR)

Responsibilities and Tasks

Primary Agency: County Hazardous Materials Team

Mitigation and Preparedness Phase

- Maintain their respective Standard Operating Guidelines/Standard Operating Procedures (SOG's/SOP's) to include:
 - Sampling and Analysis
 - Handling and disposal of hazardous waste
 - Handling a Natural Gas release
- Hazardous Materials Technician training covers methods to stabilize the spread of contamination along with actions to mitigate a hazardous materials release
- Maintains a file of offsite plans generated by the Local Emergency Planning Committee
- Participate in scheduled drills and exercises
- Develop emergency action checklists
- Collaborate with County Emergency Management on the annual application for the EPCRA Computer & HazMat Response Equipment Grant
- Maintain the hazardous materials response team capabilities and qualifications

Response Phase

- Receive notice of hazardous materials incident(s)
- Notify County Emergency Management staff on call
- Enroute to the scene with in 15 minute of notification
- Coordinate with the Incident Commander to make required notifications to the State DNR Spill Hotline (1-800-943-0003)
- Request a Type I Hazardous Materials Team when dealing with WMD (Weapons of Mass Destruction), when deemed necessary.
- Request the National Guard Civil Support Team, through Wisconsin Emergency Management, when WMD are thought to be involved and notify County Emergency Management of the request
- Identify, locate hazardous materials incident site(s)
- Activate essential emergency functions/services
- Request activation of local or County Emergency Operations Center (EOC), through IC, if appropriate
- Send a representative to the EOC if activated, (when available)

- Ensure On-Scene Response Activities:
 - Determine/assess hazard, impacts and site boundaries
 - Apply "countermeasures," i.e. control ignition sources, stop releases, contain spills, and control vapors
 - Determine and implement public safety measures, i.e. warning, evacuation, shelter-in-place (working in conjunction with IC, Public Health, County Public Information Officer (PIO) and Fire). This request would come from the IC to dispatch to utilize the AtHoc mass notification system or the Integrated Public Alerting and Warning System (IPAWS) based on severity

Recovery Phase

- Participate in the debriefing and After Action Report (AAR)
- Ensure documentation of resources expended and costs incurred

Responsibilities and Tasks

Primary Agency: County Emergency Management/Local EM

Mitigation and Preparedness Phase

- Maintain their respective SOGs/SOPs
- Participate in facilities' drills and exercises
- Develop and maintain an EPCRA Hazardous Materials Off-Site Facility Plan for each facility having above the Threshold Planning Quantity (TPQ) of any Extremely Hazardous Substance (EHS)
- Develop, maintain, and make available to local responders a database of all Tier II planning and reporting facilities using the Computer Aided Management of Emergency Operations (CAMEO) software suite
- Distribute EPCRA Hazardous Materials Off-Site Facility Plans to local Fire Departments. All planning and reporting information is also available to response agencies in the Wisconsin Hazmat Online Planning and Reporting System (WHOPRS)

Response Phase

- Make required notifications to state and federal authorities, if requested
- Request a response from Wisconsin Emergency Management for the National Guard Civil Support Team, when Weapons of Mass Destruction are thought to be involved
- Document actions/events
- Provide a resource management system to ensure appropriate resources are provided to the Incident Commander at the scene of an emergency (specialists, containment materials, etc.). (Attachments 2 and 3)
- Provide emergency information (through PIO) regarding public protective actions
- Maintain database of received substance release forms

Recovery Phase

- Participate in the debriefing and After Action Report (AAR)

Responsibilities and Tasks

Supporting Agency: County Sheriff's Department/Local Law Enforcement

Mitigation and Preparedness Phase

- Maintain their respective SOGs/SOPs
- Participate in facility drills and exercises

Response Phase

- Provide support to Incident Command as requested. Actions may include:
 - Enforce the cold zone/perimeter (restricted area) established by the IC
 - Implement evacuation as requested by the Incident Commander
 - Provide perimeter security of evacuated area, traffic rerouting and re-entry
 - Upon request, provide security for Incident Command Post, media areas, etc.

Recovery Phase

- Participate in the debriefing and After Action Report (AAR)

Responsibilities and Tasks

Supporting Agency: County Health and Human Services – Public Health Division

Mitigation and Preparedness Phase

- Maintain their respective policies and procedures
- Participate in facility drills and exercises

Response Phase

- Provide guidance on health-related issues with consultation from appropriate State agencies
- Consult with appropriate agencies pertaining to evacuation or shelter-in-place
- Inform and educate the public about appropriate health-related protective actions
- Assure public health functions are being coordinated during and after an event
- Coordinate with State agencies to conduct assessment/testing of substances/surfaces that may have been impacted
- Assign Public Health staff to perform assessment of licensed facilities
- Assess and implement surveillance of victims and responders as appropriate

Recovery Phase

- Participate in the debriefing and After Action Report (AAR)

Responsibilities and Tasks

Supporting Agency: County Highway Department/Local Public Works

Mitigation and Preparedness Phase

- Maintain their respective SOGs/SOPs
- Participate in facility drills and exercises

Response Phase

- Support on-scene operations with personnel, equipment, and supplies as requested
- Assist fire department with containment and diking operations
- Provide traffic control devices and advice on evacuation routing

Recovery Phase

- Participate in the debriefing and After Action Report (AAR)

Attachment 1 – Assumptions and Disclaimers for Offsite Planning

The vulnerability zones set forth in the EPCRA Hazardous Materials Offsite Facility Plans are based on the Environmental Protection Agency's (EPA's) Technical Guidance for Hazards Analysis. The zones are based on a credible worst case scenario (maximum quantity that could be released from the largest vessel or interconnected vessels) and a re-evaluation scenario depicting a more realistic or more frequent type spill. These scenarios identify the potential area for impact should an air-borne release of an Extremely Hazardous Substance (EHS) chemical occur.

CAMEO Suite software was used in the preparation of vulnerability zones. It should be noted that CAMEO *Data Manager* cannot compute zones greater than 10 miles or less than 0.1 miles. Thus, results that fall into these situations will be noted as “>10 miles” or “<0.1 miles.”

The field Incident Commander shall determine the actual response to an incident and the affected area may vary from the planning vulnerability zone identified in this plan. Depending on wind speed and direction, the amount of material released and other pertinent factors, the ACTUAL vulnerability zone may be smaller, and in some instances larger, than the credible worst case vulnerability zone identified herein.

The vulnerability zones determined in this plan are for general planning purposes only.

Attachment 2 – Hazardous Waste Haulers/Handlers

Note: Contaminated soil must meet certain testing criteria, which is required by the company receiving the contaminated soils, before they can be accepted.

Hazardous waste haulers/handlers recommendations include, but is not limited, to the following:

- Veolia Environmental Services 888-669-9725
W6490B Specialty Dr, Greenville, WI 54952
Site Contact Number - 920-757-5265
- Clean Harbors Environmental Services
13075 Donges Bay Road, Germantown, WI 53022
Site Contact Number - (262) 236-8130
1-800-645-8265 (24-hr emergency response number)
- Outagamie County Highway Department, 1313 N. Holland Road, Appleton. They have the capability for clean-up of smaller spills along highway right-of-ways and proper disposal of contaminants. 920-832-5673.
- Safety-Kleen Emergency Response Service
2100 Badger Road, Kaukauna, WI 54130
HazWoper Trained
Local office: (920) 372-6026
24 hr: (888) 375-5336 (ask for Kaukauna office)
- North Shore Environmental & Construction
W4559 Lakepark Dr, Fond du Lac, WI 54935
1-877-707-6732, Fond du Lac Office 920-933-3359,
Germantown Office (262) 255-4468
- Valley Environmental (Clean up company)
1351 Kimberly Dr., Neenah, WI 54956
(800) 745-1865

There are facilities located in Outagamie County who train their employees to respond to hazardous material incidents. They are trained to the technician level, usually

focused on Anhydrous Ammonia Refrigeration Systems. The offsite plans for the facility identify if a response team is available onsite.