

**Emergency Support Function – 10  
Hazardous Materials**



**2020**

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**RECORD OF CHANGES**

*Each update or change to the plan should be tracked. The record of changes, usually in table format, contains, at a minimum, a change number, the date of the change, the name of the person who made the change, and a summary of the change. Other relevant information could be considered.*

Change #	Date	Part Affected	Date Posted	Who Posted

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## ESF – 10 Hazardous Materials

**ESF COORDINATOR:**

Savannah Fire Department

**SUPPORT AGENCIES:**

Chatham Emergency Management Agency

Chatham Emergency Services

City of Bloomingdale Fire Department

City of Garden City Fire Department

City of Pooler Fire Department

City of Port Wentworth Fire Department

City of Tybee Island Fire Department

Georgia Forestry Commission

Hunter Army Airfield Fire Department

Isle of Hope Fire Department

Town of Thunderbolt Fire Department

165<sup>th</sup> Airlift Wing Fire Department

### INTRODUCTION

The emergency support function of firefighting services involves direction and coordination, operations, and follow-through during an emergency or disaster.

#### Purpose

ESF-10 Hazardous Materials provides operational guidance to departments/organizations that are assigned to work within this ESF. The mission of ESF-10 is to provide a comprehensive mechanism to ensure the appropriate utilization of hazardous materials resources in response to an actual or potential discharge and/or uncontrolled release of oil or hazardous materials during disasters or emergencies. This however is not a tactical response document. ESF-10 Hazardous Materials serves as the mechanism to provide support to local jurisdictions during hazardous materials operations

#### Scope

ESF-10 acts to meet the hazardous materials and essential elements of information needs of operations by assessing potential impacts to the health of individuals and the environment.



## CONCEPT OF OPERATIONS

### General

During an emergency or disaster, ESF-10 may be activated to support operations and assist with the development of a common operating picture. The scope, scale and magnitude of the threat/incident will dictate which support agencies will be requested for the support of ESF-10 in the EOC.

### Preparedness

- a. Prepare an inventory of existing threats using SARA Title III and Tier II information.
- b. Plan for response to hazardous materials incidents.
- c. Develop plans for communications, warning and public information.
- d. Develop procedures for identification, control, and clean-up of hazardous materials.
- e. Develop and maintain a listing of private contractors capable of performing emergency and/or remedial actions associated with a hazardous materials incident.
- f. Maintain current inventories of local assets capable of responding to a hazardous materials incident.
- g. Develop plans and/or mutual aid agreements regarding hazardous materials incidents with local agencies, other county agencies, contiguous states, federal agencies, and private organizations as required.
- h. Collect and utilize licensing, permitting, monitoring, and/or transportation information from the appropriate local, county, state, or federal agencies and/or private organizations to facilitate emergency response.
- i. Establish a structure for reliable communications between supporting entities and the EOC.
- j. Coordinate the development of MOA's with appropriate agencies/organizations for the provision of hazardous materials personnel and resources to support an emergency or disaster response.
- k. Ensure all ESF-10 personnel integrate NIMS principles.

## Response

- a. Maintain a current listing of available fire service agencies and resource capabilities.
- b. ESF 10 will coordinate, with the Unified/Incident Command, all hazardous substance response specific efforts and provide information to the EOC for coordination of all other municipal efforts.
- c. Provide 24-hour response capability and dispatch personnel to an incident scene as necessary.
- d. ESF 10 will assess the situation to include: the nature, amount and location of real or potential releases of hazardous materials; pathways to human and environmental exposure; probable direction and time of travel of the materials; potential impact on human health, welfare, safety, and the environment; types, availability, and location of response resources, technical support, and cleanup services; and priorities for protecting human health, welfare and the environment.
- e. After reviewing reports, gathering and analyzing information and consulting with appropriate agencies, determine and provide, as available, the necessary level of assistance.
- f. Provide protective action recommendations, as the incident requires.
- g. Provide for monitoring to determine the extent of the contaminated area and consult with appropriate support agencies to provide access and egress control to contaminated areas.
- h. Consult with appropriate local, state, or federal agencies and/or private organizations with regard to the need for decontamination. Coordinate with ESF 8 regarding decontamination of injured or deceased personnel.
- i. Coordinate decontamination activities with appropriate local, state, and federal agencies.
- j. Coordinate with appropriate local, state, and federal agencies to ensure the proper disposal of wastes associated with hazardous materials incidents; and assist in monitoring or tracking such shipments to appropriate disposal facilities.

## Recovery

- a. Terminate operations when the emergency phase is over and when the area has been stabilized by responsible personnel.
- b. Inventory lost or damaged equipment and record any personnel injuries or equipment accidents.

**Mitigation**

- a. Support and plan for mitigation measures.

**Organization**

The County EOC will be activated to coordinate a multijurisdictional level response.

Representatives from the applicable ESF-10 Agencies may be assigned to the EOC or alternate location, as best suited to meet incident needs and coordinate operations.

**ESF Role Aligned to Core Capabilities**

The following table lists the response capability that ESF-10 most directly supports, along with the related ESF-10 actions supporting the capability.

Core Capability	ESF-10 Hazardous Materials
Environmental Response/Health and Safety	<ul style="list-style-type: none"> <li>• Conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all-hazards in support of responder operations and the affected communities. This includes, among other things:                             <ul style="list-style-type: none"> <li>➤ Fixed site hazardous materials incidents</li> <li>➤ Environmental contamination</li> </ul> </li> </ul>
Situational Assessment	<ul style="list-style-type: none"> <li>• Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects and the status of the response. This includes, among other things:                             <ul style="list-style-type: none"> <li>➤ Size, scope and potential cascading effects</li> </ul> </li> </ul>

**Responsibilities**

Coordinating Agency	Actions
Savannah Fire Department	<ul style="list-style-type: none"> <li>• Coordinate with other ESFs to consolidate reports of hazmat responses</li> <li>• Maintain contact with municipal liaisons to collect and relay information</li> <li>• Establish a protocol for prioritizing hazmat responses</li> <li>• Coordinate with each supporting agency through at least quarterly ESF meetings to ensure planning functions are carried out to support this ESF.</li> <li>• Plan for, coordinate with and assign responding mutual aid resources as appropriate.</li> <li>• Provide support staffing to the EOC for the following position:                             <ul style="list-style-type: none"> <li>➤ ESF-10 Hazmat</li> </ul> </li> </ul>

Supporting Agency	Actions
<p>All Supporting Agencies</p>	<ul style="list-style-type: none"> <li>• Coordinate the training of all first responder agency personnel in basic hazmat awareness to assist in recognition of and first-step protection measures for response to hazmat incidents</li> <li>• Coordinate the planning required to identify and plan for known risks within the community, and provide education to the public and continually improve the reaction capabilities of local emergency response agencies</li> <li>• Respond to hazardous material incidents of all types and sizes that warrant a response</li> <li>• Make initial assessments as to the severity/magnitude of the situation</li> <li>• Coordinate appropriate decontamination efforts, as needed</li> <li>• Attend ESF meetings to ensure planning and coordination functions are carried out to support this ESF</li> <li>• Provide additional resources as available to support ESF-10 response and recovery efforts</li> <li>• Identify Agency staff representatives to support this ESF and other operational practices during emergency and disaster operations.</li> <li>• Coordinate pertinent disaster recovery information with the County Joint Information Center (JIC).</li> <li>• Identify damages and/or losses and prepare an action plan for recovery activities.</li> <li>• Maintain records of expenditures and document resources utilized during response and recovery operations.</li> <li>• Develop appropriate Plans, Procedures, Mutual Aid Agreements, Checklists, Go-Kits and other supporting documentation as needed to facilitate execution of the Agency’s responsibilities to this ESF.</li> <li>• Prepare to support the EOC as necessary.</li> <li>• Participate in drills, exercises and other preparedness events to evaluate the Agency’s readiness to support this ESF.</li> <li>• Document disaster related activities related to this ESF</li> <li>• Prepare to collect and maintain records of expenditures and document resource utilized during response and recovery operations</li> </ul>
<p>Chatham Emergency Management Agency</p>	<ul style="list-style-type: none"> <li>• Coordinate a situational assessment to determine incident priorities in support of firefighting operations.</li> </ul>

Supporting Agency	Actions
City of Bloomingdale Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> </ul>
City of Garden City Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> </ul>
City of Pooler Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> <li>• Provide support staffing to the EOC for the following position:                             <ul style="list-style-type: none"> <li>➤ ESF-9 Search and Rescue</li> </ul> </li> </ul>
City of Port Wentworth Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> </ul>
City of Tybee Island Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> </ul>
Hunter Army Airfield Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> </ul>
Isle of Hope Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> </ul>

Supporting Agency	Actions
Chatham Emergency Services	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> <li>• Provide support staffing to the EOC for the following position:               <ul style="list-style-type: none"> <li>➤ ESF-4 Firefighting</li> </ul> </li> </ul>
Town of Thunderbolt Fire Department	<ul style="list-style-type: none"> <li>• Provide support to hazardous materials operations through the utilization of available resources and personnel to the affected jurisdiction.</li> <li>• Participate in Mutual Aid agreements to support County Firefighting operations and augment resources.</li> </ul>
165 <sup>th</sup> Airlift Wing Fire Department	<ul style="list-style-type: none"> <li>• Provide Military and Aviation hazardous materials support to the Savannah – Hilton Head International Airport.</li> <li>• Participate in Mutual Aid Agreements to support County Firefighting operations and augment resources as necessary.</li> </ul>