

Emergency Support Function (ESF) 10 Hazardous Materials

Lead Coordinating Agency: Escambia County Department of Fire-Rescue

Support Agencies: Escambia County Department of Public Safety, Division of Emergency Management
City of Pensacola Fire Department
Escambia County Department of Public Safety, Division of Emergency Medical Services
Escambia County Department of Solid Waste Management
Florida Department of Environmental Protection

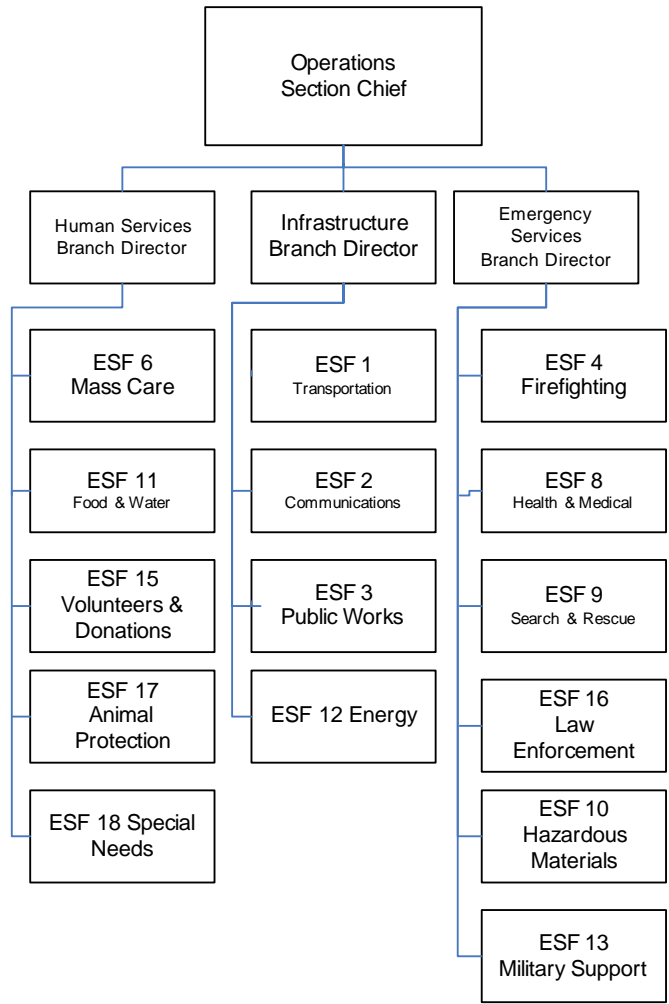
I. Purpose

The purpose of Emergency Support Function-10 (ESF-10) is to provide hazardous materials coordination and support services in support of emergency events in Escambia County. ESF 10 can provide personnel and resources to support preparedness, response, recovery and mitigation in support of the primary emergency management objectives. ESF-10 resources are used when individual agencies are overwhelmed and County Emergency Response Team requests additional hazardous materials assistance.

II. Concept of Operations

A. GENERAL

1. Procedures protocols and plans for disaster response activities are developed to govern staff operations at the Escambia Emergency Operations Center and in the field. These are in the form of the Comprehensive Emergency Management Plan (CEMP) and corresponding Appendices and Standard Operating Procedures, which describe ESF-10 capabilities. Periodic training and exercises are also conducted to enhance effectiveness.
3. In a large event requiring State, Federal or mutual aid assistance, ESF-10 will work with its support agency counterparts to seek and procure, plan, coordinate and direct the use of any required assets.
4. Throughout the response and recovery periods, ESF-10 will evaluate and analyze information regarding the identification of securing, removing and disposing of the hazardous materials requests for response, develop and update assessments of the hazardous materials situation and status in the impact area, and do contingency planning to meet anticipated demands or needs.
5. When an event is focused in scope to a specific type or response mode technical and subject matter expertise may be provided by an appropriate person(s) from a supporting agency with skills pertinent to the type of event, who will advise and/or direct operations within the context of the Incident Command System structure.



INCIDENT COMMAND SYSTEM STRUCTURE: ESF 10 – HAZARDOUS MATERIALS

B. ORGANIZATION

1. COUNTY

- a. During an activation of the County Emergency Operations Center, support agency staff are integrated with the Escambia County Department of Fire-Rescue staff to provide support that will allow for an appropriate, coordinated and timely response.
- b. During an emergency or disaster event, the primary and support agencies of ESF-10 will respond to the Emergency Services Branch Director who reports to the Operations Section Chief under the overall direction of the Incident Commander.
- c. During the response phase, ESF-10 will evaluate and analyze information regarding hazardous materials requests. Also, ESF-10 will develop and

update assessments of the hazardous materials status in the impact area and does contingency planning to meet anticipate demands and needs.

- d. Escambia County Department of Fire-Rescue develops and maintains the overall ESF-10 Emergency Operations Plan and accompanying Appendices, annexes and Standard Operating Procedures that govern response actions related to emergencies. However support agencies may develop and maintain their own similar documents for internal use, which must be compatible with and in support of the overall Comprehensive Emergency Management Plan.

B. ALERTS/NOTIFICATIONS

1. Upon activation of the CEMP, the Department of Public Safety will notify the point of contact for ESF-10 through multiple methods.
2. The Lead ESF 10 Coordinating Agency representative or designee will coordinate all activities of ESF-10.
3. Upon instructions to activate ESF-10, The Lead Coordinating Agency will implement procedures to notify and mobilize all personnel, facilities, and physical resources likely to be needed, based on the emergency circumstance.

C. ACTIONS

Actions carried out by ESF-10 are grouped into several phases. Each phase requires specific skills and knowledge to accomplish and requires significant cooperation and collaboration between all supporting agencies and the intended recipients of service. ESF-10 encompasses a full range of activities from training to the provision of field services. It also functions as a coordinator and, at times, assumes direct operational control of provided services. The following services may be provided.

- Assessment of Hazardous materials needs and potential impacts.
- Hazardous materials personnel.
- Hazardous materials equipment and supplies.
- Evacuation support.
- Emergency responder health and safety.
- Radiological/chemical/biological hazards.
- Mental health and crisis counseling for responders may e provided.
- Hazardous materials Public Information and risk communication.
- Hazardous materials Management, Command and control of assets.
- Hazardous materials activities related to terrorist threats and/or events.
- Logistical Staging areas and Points of Distribution/Dispersing.
- Catastrophic incident and alternate Hazardous materials facility support.
- Oil and hazardous substance incident response.
- Information on drinking water, wastewater and solid waste facilities.
- Information on SARA Title III fixed facilities, storage of extremely hazardous substances within the county.

1. PREPAREDNESS ACTIONS

- a. Actions and activities that develop hazardous materials response capabilities may include planning, training, orientation sessions, and exercises for ESF-10 personnel (i.e., Local, State, Regional, and Federal) and other emergency

support functions that will respond with ESF-10. This involves the active participation of inter-agency preparedness organizations, which collaborate in such activities on a regular basis.

- b. Local and State hazardous materials teams will jointly address planning issues on an on-going basis to identify response zones, potential staging areas, and potential medical facilities and establish specialized teams.
- c. Coordinate planning with ESF-10 support agencies, Regional Domestic Security Task forces, and other emergency support functions to refine hazardous materials operations.
- d. Develop and refine procedures to be used in the following field surveys: Community Hazardous Materials Assessments.
- e. Conduct/coordinate training for EOC and hazardous materials response team members.
- f. Prepare and maintain standard operating procedures, resource inventories, personnel rosters and resource mobilization information necessary for implementation of the responsibilities of the lead agency.
- g. Ensure lead agency personnel are trained in their responsibilities and duties.
- h. Participate in training courses for ESF-10 personnel, provide information on critical facilities to the County Emergency Management and develop protocols for frequently provided services.
- i. Maintain liaison relationships with support agencies.
- j. Conduct vulnerability analysis at critical facilities and make recommendations to improve the physical security.
- k. Provide resource management and logistical support to the incident.
- l. Preposition response resources when it is apparent that hazardous materials response resources will be necessary.
- m. Conduct/coordinate/participate in all exercises involving ESF-10.
- n. Develop mutual aid procedures to assist with supporting issues related to a terrorist event or hazardous substance incident.

2. RESPONSE ACTIONS

- a. Coordinate operations at the ESF-10 desk in the County Emergency Operations Center and/or at other locations as required.
- b. Establish and maintain a system to support on-scene direction, control and coordination with the local incident commander, the county EOC, Regional Domestic Security Task Force and State EOC, and / or other coordination entities as appropriate.
- c. Activate Mutual Aid procedures for the following resources; Hazardous Materials Response Teams, Interoperable Communications and Command Vehicles, and any other as required and necessary.
- d. Implementation of Impact Assessment Teams to determine post-event impact to Emergency Services functional group resources and ability to perform Continuity of Operations of essential functions.
- e. Provide hazardous materials support to the RDSTF in the investigation of a terrorist attack.

- f. Relocate hazardous materials response resources when it is apparent that they are endangered by the likely impacts of the emergency situation.
- g. Monitor and direct hazardous materials resources and response activities.
- h. Participate in EOC briefings, Incident Action Plans, Situation Reports and meetings.
- i. Coordinate with support agencies, as needed, to support emergency activities.
- j. Coordinate with other County ESFs to obtain resources and to facilitate an effective emergency response among all participating agencies.
- k. Once all local resources have been utilized and expended, coordinate with the logistic section to assist in locating additional support resources.

3. RECOVERY ACTIONS

- a. Continue to provide support as required to support the recovery phase of the incident through the appropriate incident commander.
- b. Initiate financial reimbursement process for these activities when such support is available.

4. MITIGATION ACTIONS

- a. Identify deficiencies or areas to be improved and seek funds to enhance protective measures to lessen the impact on vulnerable populations and/or minimize damage to critical facilities.
- b. Provide personnel with the appropriate expertise to participate in activities designed to reduce or minimize the impact of future disasters.

D. DIRECTION AND CONTROL

1. The ESF-10 system operates in two arenas; 1) the county Emergency Operations Center, 2) field locations.
2. A staffing directory and the ESF-10 Standard Operating Procedures, its accompanying Appendices, and Standard Operating guidelines are maintained by the Escambia County Department of Fire-Rescue with status of the call lists updated at least monthly and all other documents at least annually.
3. All hazardous materials field personnel and activities will be coordinated through ESF-10 at the County Emergency Operations Center.
4. In accordance with a mission assignment from ESF-10, and further mission tasking by a Local primary agency, each support organization assisting ESF-10 assignment will retain administrative control over its own resources and personnel but will be under the operation control of ESF-10. Delegation of mission operational control may be delegated to a Management Support Unit, Multi-Agency Coordination Team or a local entity.

E. RESPONSIBILITIES

1. LEAD COORDINATING AGENCY –ESCAMBIA COUNTY DEPARTMENT OF FIRE- RESCUE

- a. Provide leadership in directing, coordinating and integrating overall County efforts to provide hazardous materials assistance to affected areas and populations.
 - Maintain a list of mutual aid agencies and private contractors that are trained and qualified to respond to an incident.
 - Ensure that all first responders are trained in awareness and operations level of hazardous materials response as defined in the guidelines established by the State Emergency Response Commission.
 - ESF-10 will coordinate the response and recovery efforts to hazardous materials incidents upon notification of a release by ensuring that coordination and cooperation is maintained in identifying the material. Then securing, removing and properly disposing of the hazardous material.
 - The presence of any radioactive material will be determined by properly trained personnel using basic detection equipment who will then determine if any evacuations are necessary. If evacuations are necessary, ESF 10 will coordinate with other ESFs to ensure operational missions are supported to the fullest extent possible.
 - Coordinate the response of all agencies required to handle the hazardous materials incident and the necessary cleanup involved in recovery.
 - Minor incidents are usually handled by jurisdictional fire departments with minimal use of resources. Larger incidents will involve a cooperative effort between all support agencies, private contractors and the Florida Department of Environmental Protection.
 - In a large event requiring local and State or mutual aid assistance, ESF-10 will work with its support agency counterparts to seek and procure, plan, coordinate and direct the use of any required assets.
 - During a State declared disaster requests for resources or assistance from State agencies will be made through established and proven procedures as set forth in the State of Florida Comprehensive Emergency Management Plan (CEMP).
 - Notify State Warning Point of all hazardous materials incidents and request State assistance when needed.
 - Coordinate with the Florida Department of Environmental Protection (DEP) for notification and response to hazardous materials incidents when the ability to identify the material or mitigate the incident is beyond the capabilities of the county.
 - Maintain an accurate and current listing of all fixed facilities that produce or store 302 type hazardous materials. Prepare site-specific plans for each facility that produces or stores extremely hazardous substances (EHS) and update these plans annually or as necessary through the year.
- b. Staff and operate a National Incident Management system compliant command and control structure (i.e., Incident Command System) to assure that services and staff are provided to areas of need.
- c. Coordinate and direct the activation and deployment of County agencies hazardous materials personnel, supplies, and equipment and provide certain direct resources.

- d. ESF 10 members or designees will jointly evaluate the emergency situation, make strategic decisions, and identify resource needs and secure resources required for field operations.
- e. ESF 10 is responsible for monitoring hazardous materials emergency response and recovery operations. ESF 10 members or designees will coordinate all State and Federal hazardous materials resources into the affected areas from staging areas.
- f. ESF 10 will manage hazardous materials and other emergency incidents in accordance with each department's Standard Operating Guidelines and under the direction of ESF 10 members or designee.
- g. ESF 10 members or designee will make specific requests for hazardous materials assistance to the State ESF 10 through the Escambia County Liaison, as needed. The State will activate resources through the State Emergency Response Plan.
- h. ESF 10 members or designees will continue to re-assess priorities and strategies, throughout the emergency, according to the most critical hazardous materials needs.
- i. ESF 10 will demobilize resources and deactivate the ESF 10 station upon direction from the County Incident Commander.
- j. The responsible party for the material spill/release will be financially responsible for the material and will incur all cost and responsibility of the clean up and disposal activities.

2. SUPPORT AGENCIES

- a. Support agencies will provide assistance to the Emergency Support Function with services, staff, equipment, and supplies that compliment the entire emergency response effort as the County Emergency Response Team addresses the consequences generated by the hazards that may impact the County (i.e., severe weather, tropical cyclones, environmental biological, terrorism, technological, and mass migration, etc.). Because services and resources are subject to change from time to time, emergency coordinators are responsible for frequently updating their resources capabilities with the ESF-10.
- b. The Department of Public Safety will provide EOC support, conduct briefings, direct needs assessments, distribute key information, and serve as liaison to the State EOC to request resources.
- c. The Department of Public Safety will:
 - Coordinate training to all public safety personnel and first responders in awareness and recognition (level 1) of hazardous materials.
 - Coordinate the notification and response of all agencies required to handle the incident.
 - Notify the State Warning Point and make request for State assistance when necessary.
- d. The Department of Solid Waste Management or ESF 3 will:
 - Maintain a list of available department resources that may be used to respond to and recover from the incident.
 - Coordinate with the appropriate fire department, Department of Environmental Protection, or health department to ensure that the

material is recovered and disposed of in accordance with local, State and Federal regulations.

- Will coordinate with appropriate agency to accept any material that has been approved for disposal in the county landfill. The agencies will also assist the Department of Public Safety with identification of fixed facilities that produce or store hazardous materials.
- e. The Road Department or ESF3 will assist or coordinate the removal and disposal of any hazardous material deemed safe for disposal in the county landfill. This will be done in accordance with local guidelines and agreements. These guidelines will be updated and changed as deemed necessary.
 - f. Emergency Medical Services will be responsible for transporting injured personnel to medical facilities. Patients will be decontaminated by the fire department personnel before delivery to EMS when possible. EMS will be responsible for notification of the local hospitals regarding the number of patients, severity of injuries and the material involved in the incident. Baptist Hospital is responsible for patient coordination with all other hospitals during multiple casualty incidents. Contaminated patients will be handled by each hospital in accordance with their standard operating procedures.
 - g. Baptist, Scared Heart and West Florida Hospital will accept contaminated patients in accordance with the standard operating procedures. Emergency Medical Services will notify the receiving hospital while on scene so appropriate hospital staff are available to receive the patients.
 - h. The appropriate fire departments will be dispatched to any release of a hazardous material upon notification. It will be their responsibility to attempt to positively identify the material, determine the hazard and take immediate actions necessary within their capabilities to protect life and property. Each fire department is responsible to ensure their personnel receive the required training to perform any actions taken during a hazardous materials incident and to call for assistance when the necessary actions are beyond their capabilities. A contractor may be hired through mutual aid agreement or contract to respond to an incident upon request either by the responsible party for the incident or DEP. The contractor personnel will possess certification in all levels of training and respond with the equipment necessary to handle most hazardous materials incidents and with a full support staff of chemists at their facility. Upon arrival, the contractor personnel will coordinate with the fire department Incident Commander to assist in the identification and establishment of hot and cold zones, decontamination site, determining the proper methods and equipment to be used. Fire Department personnel will mostly likely perform decontamination of all personnel leaving the hot zone. If required, a contractor will be obtained to properly dispose of all decontamination material.
 - i. Law enforcement agencies (ESF16) may be tasked to provide crowd control, security measures, roadway assessments, and ingress/egress actions to protect the public and property in, near and around areas involved in fire fighting operations; keep emergency forces informed of hazardous areas.
 - j. City, county, and private utilities (ESF12) will coordinate with ESF 10 to address fire prevention and suppression problems due to leaking natural gas, power line risks, and water flow contamination issues.
 - k. City and County Public Works (ESF3) and other departments will provide road clearing equipment and other major resources needed to clear roadways in support of emergency response actions.

- l. City and County Communications Centers (ESF2) will provide radio communications support, to the extent possible, to support communications among various Fire Department agencies responding to the impacted areas.
- m. Escambia County Emergency Medical Services (ESF8) will provide emergency medical care and transportation of victims beyond initial collection sites.
- n. American Red Cross and other community agencies (ESF6) will provide field support to emergency response personnel and evacuees as needed and required (food, water, basic assistance, etc.).

F. FINANCIAL MANAGEMENT

1. During a response, each agency/department is responsible for recording and tracking its own expenditures and seeking reimbursement from the appropriate resource after the event. If a federally declared disaster exists, then a reimbursement formula is established by the Federal Emergency Management Agency that may be as much as 100 percent, but usually does not exceed 75 percent.
2. Expenditures by support agencies entities will be documented by those entities and submitted directly to the Finance/Administration Section or a designated Finance Service officer as soon as possible for tracking of the disaster event expenses.

G. REFERENCES AND AUTHORITIES

- State ESF-10
- Florida Statutes, 376.021, 376.30, 376.303, 376.305, and 403.061, 403.1655, 403.726
- The Clean Water Act of 1977, amended 1990
- Department of Environmental Protection Environmental Response Plan, Florida Statutes, Section 376.97 (2)(e), 376.303(1)(6) and CFR Part 311
- Regional Domestic Security Task Forces, Section 943.0312, F.S.
- Florida Field operations Guide (FFOG)
- Fire Suppression Draft – Forestry
- The Guidelines of the State Emergency Response Team for Wildfire Events.” 1999 version
- 14. The Florida fire Chiefs’ Association, Fire-Rescue Disaster Response Plan.
- 15. Memorandum of Understanding with Emergency Support Function 8,” (March 1999).
- Code of Federal Regulations, 40CFR302.