

# **CHATHAM COUNTY EMERGENCY OPERATIONS PLAN**

## **APPENDIX ESF 10-1 HAZARDOUS MATERIALS EMERGENCY RESPONSE PLAN**

JUNE 2009

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### **SIGNATURE OF ADOPTION**

This document was developed in accordance with National, State and local regulations regarding Hazardous Materials planning, coordination, response and operation practices. This document follows the National Incident Management System (NIMS) and meets the requirement for the Local Emergency Planning Committee (LEPC) to develop and maintain a Hazardous Materials Response Plan. By signature, the entities below accept this document as a standard practice for preparedness, response and recovery operations during a Hazardous Materials incident. The document was developed through the LEPC, CEMA, the Savannah Fire and Emergency Services Hazardous Materials Response Team and local emergency response partners.

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Local Emergency Planning Committee  
(LEPC)

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Chatham Emergency Management  
Agency (CEMA)

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Savannah Fire and Emergency Services  
Special Operations Division  
Hazardous Materials Response Team

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Bloomington Fire Department

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Bloomington Police Department

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Pooler Fire Department

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Pooler Police Department

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Pt. Wentworth Fire Department

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Pt. Wentworth Police Department

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Garden City Fire Department

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Garden City Police Department

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Savannah Fire Department

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Savannah Chatham Metro Police  
Department

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Thunderbolt Fire Department

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Thunderbolt Police Department

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Tybee Island Fire Department

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Tybee Island Police Department

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Southside Fire/EMS Department

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Chatham County Sheriff's Office

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165th Fire Department

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Airport Police Department

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Isle of Hope Fire Department

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Chatham County Health Department

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Medstar Ambulance

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Savannah Spill Response Corporation

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## ACRONYMS

CA	Consequence Analysis
CAMEO	Computer Aided Management of Emergency Operations (Software)
CEMA	Chatham Emergency Management Agency
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DECON	Decontamination
EHS	Extremely Hazardous Substance
EMS	Emergency Medical Service
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
EPCRA	Emergency Planning and Community Right-To-Know Act
EPD	Environmental Protection Division
ERG	Emergency Response Guide
ERP	Emergency Response Plan
ESF	Emergency Support Function
HAZMAT	Hazardous Materials
HCS	Hazardous Chemical Safety
IAP	Incident Action Plan
IC	Incident Commander or Incident Command
ICP	Incident Command Post
ICS	Incident Command System
LEPC	Local Emergency Planning Committee
MSDS	Material Safety Data Sheet
MSO	Marine Safety Office
NFPA	National Fire Protection Association
NPQ	National Professional Qualifications
NRC	National Response Center
NIMS	National Incident Management System
OSHA	Occupational Safety and Health Administration
PIA	Post Incident Analysis
RP	Responsible Party
RQ	Reportable Quantity
SAGIS	Savannah Area GIS
SCMPD	Savannah Chatham Metropolitan Police Department
SERC	State Emergency Response Commission
SFES	Savannah Fire and Emergency Services
SOC	Special Operations Chief
SOP	Standard Operation Procedures
TPQ	Total Planning Quantity
UC	Unified Command
UCP	Unified Command Post
USCG	United States Coast Guard

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## **I. INTRODUCTION**

- A. The Chatham County Hazardous Material Emergency Response Plan (Hazmat ERP) was developed to ensure preparedness, appropriate response and mitigation of a hazardous material incident that may affect the county. This document is developed under the Emergency Planning and Community Right-To-Know Act (EPCRA) Section 303 which require established Local Emergency Planning Committees (LEPC) to develop a Hazmat ERP and directly supports the Chatham County Emergency Operations Plan (EOP), Hazardous Materials Emergency Support Function (ESF) 10 Annex.
- B. This ERP is a reference resource to emergency personnel responding to hazardous material incidents in Chatham County. It outlines the concept of operations, response level, responsibility, direction, and control necessary for the performance of an effective response with quick reference information on major local industries that store and handle significant quantities of hazardous materials; this includes emergency contacts, relevant chemical inventories, and available resources.
- C. This ERP was developed through the LEPC, local emergency response partners, Savannah Fire and Emergency Services (SFES) and the Chatham Emergency Management Agency (CEMA). This document replaces the previous Hazmat ERP Annex 17A, dated October 1995.

## **II. PURPOSE**

- A. The purpose of this ERP is to serve as a resource guide for emergency responders and allows for a coordinated response, working with state and federal authorities, to minimize adverse effects of hazardous material incidents on the citizens and property of Chatham County.
- B. This ERP also meets purpose, guidance, and requirements set forth in EPCRA, Section 303, and the CERCLA National Contingency Plan (42 U.S. C. 960 et seq.)

## **III. ASSUMPTIONS**

- A. Local, State and Federal hazardous material response teams and other support agencies are National Incident Management Systems (NIMS) compliant and will respond with technical expertise and resources upon request by local officials;
- B. Emergency services personnel will be trained to safely respond to hazardous materials incidents, and vehicles will be equipped with emergency response reference manuals or guidebooks;

- C. Facilities and transporters will:
1. Employ safeguards and follow regulatory compliance so chemicals are handled in the safest manner possible,
  2. Submit Tier II Reports to the Georgia State Emergency Response Commission (SERC), the Chatham County LEPC, and the Fire Department having jurisdiction, and
  3. Internally control chemicals which pose a potential threat to the environment; private and public properties; the general citizenry of Chatham County and the employees of their business and neighboring businesses. Entity specific internal controls are defined by the respective entity managing the chemical and may vary from facility to facility.

#### **IV. IMPLEMENTATION**

- A. Implementation and management of this plan will be coordinated through established county-wide primary coordinators. These primary coordinators jointly make determinations necessary for the required response level to implement the plan. The Emergency Coordinators are:
1. Community Wide Coordinator - The Chatham County LEPC is defined through Chatham County Code as the lead hazardous materials manager for Chatham County. The LEPC has designated CEMA as the Community Emergency Coordinator. CEMA emergency contacts can be found in Tab J of this document.
  2. Hazardous Materials Response Coordinator – The Special Operations Division of SFES is designated as the primary entity for coordinating Hazmat response throughout Chatham County. Emergency response notifications are managed through Savannah Fire Dispatch. Other emergency contacts can be found in Tab J of this document.
  3. Facility Emergency Coordinators – Facility Emergency Coordinators are assigned for each entity and shall support this plan. These persons are identified in Tab D of this document.
- B. This ERP will be implemented upon report of a release of a hazardous substance identified on the Consolidated List of Chemicals subject to EPCRA under the following situations:
1. The release of a Reportable Quantity (RQ) within the boundaries of a facility in Chatham County;
  2. Any release of this product outside the boundaries of the facility in

Chatham County;

3. A call for support from any emergency response entity in Chatham County;
4. At any time a release, or threatened release, of hazardous substances that may endanger public health, economic resource, transportation routes or environmental impact is identified; and/or
5. Any leaking or spilled chemical identified in Hazard Class 1-8 of the Emergency Response Guide (ERG) Book that has released or the potential to release greater than 55 gallons in quantity.

## **V. CONCEPT OF OPERATIONS**

- A. Critical Identifications - This plan identifies facilities subject to EPCRA and US Coast Guard oversight within Chatham County, routes likely to be used for the transportation of substances on the list of extremely hazardous substances and other facilities contributing or subjected to additional risk due to their proximity to facilities such as hospitals or natural gas facilities.
  1. Hazardous Materials Facilities – The Occupational Safety and Health Administration (OSHA) Hazardous Chemical Safety (HCS) requires reporting for those facilities meeting the following criteria:
    - a. Extremely Hazardous Substances (EHS) greater than or equal to 500 pounds or the Total Planning Quantity (TPQ), which ever is less.; or
    - b. 10,000 pounds or more of the hazardous chemical on site at any one time from all sources and no exemptions apply for the facility or the chemical.
    - c. A flow chart to determine the applicability of EPCRA 311 and 312 requirements is presented in Figure 1-1.
    - d. Facilities identified to have hazardous materials in quantity and types that require planning have been included and are listed in Tab A. This Tab also contains:
      - 1) Facility profiles - Contains information that may be useful to emergency responders.
      - 2) Site Maps - With evacuation distances for probable large releases and vulnerable assets near the facility.
      - 3) Tier II Inventories

2. Designated Waterfront Facilities – Facilities along the Port of Savannah are subject to additional Code of Federal Requirements and U.S. Coast Guard oversight through:
  - a. § 126.13 – Designation of Waterfront Facilities
  - b. § 126.16 – Conditions for Designating a “Facility of Particular Hazard”
  - c. § 126.17 – Required Permits for Handling Designated Dangerous Cargo
  - d. § 126.19 – Permit Issuance for Handling Dangerous Cargo
3. Hazardous Materials Transportation Routes - This section identifies routes likely to be used for the transportation of EHS substances. See Tab B: HAZMAT Routes (Listed by Primary Routes)
4. Other High Risk Facilities - This section identifies additional facilities contributing or subjected to additional risk due to their proximity to Tier II Reporting Facilities and identified Hazmat Transportation Routes. See Tab C Critical Facilities. Incidents that may potentially involve critical facilities can be identified in two ways utilizing this emergency response plan. Emergency responders should refer to the following;
  - a. Incidents located at a Tier II Reporting Facilities, review the consequence analysis located in Tab A (Facilities)
  - b. Transportation incidents involving Critical Facilities can be identified by referring to Tab B (Transportation Routes)
5. Consequence Analysis – For each Tier II facility, a Consequence Analysis (CA) shall be conducted to determine the impacts of potential releases. This endeavor will be a collaborative effort between individual Tier II Facility owners, the LEPC, SFES Hazardous Materials Team, the jurisdiction fire department, the Chatham County Department of Public Health, Savannah Area GIS (SAGIS) and CEMA. The CA will include:
  - a. A map indicating location, access, runoff, and safe areas.
  - b. Chemical involved and type of release
  - c. Foot print with concentrations and duration for EHS based on predominate environmental conditions, indicating the method used.

- d. Other high risk facilities and geographical entities likely to be effected. (i.e. Schools, Subdivisions, major roadways, etc.)
  - e. Requirement to make a call for shelter in place at the time of spill notification.
  - f. Resources available including cleanup contractors.
- B. Incident Identification and Notification Requirements - Hazardous substance release reporting regulations ([40 CFR Part 302](#)) direct the person in charge of a facility to report to the National Response Center (NRC) any environmental release of a hazardous substance which exceeds a reportable quantity ([40 CFR Section 302.4](#)). Figure 10-1.1 offers a flow chart to determine reporting requirements.

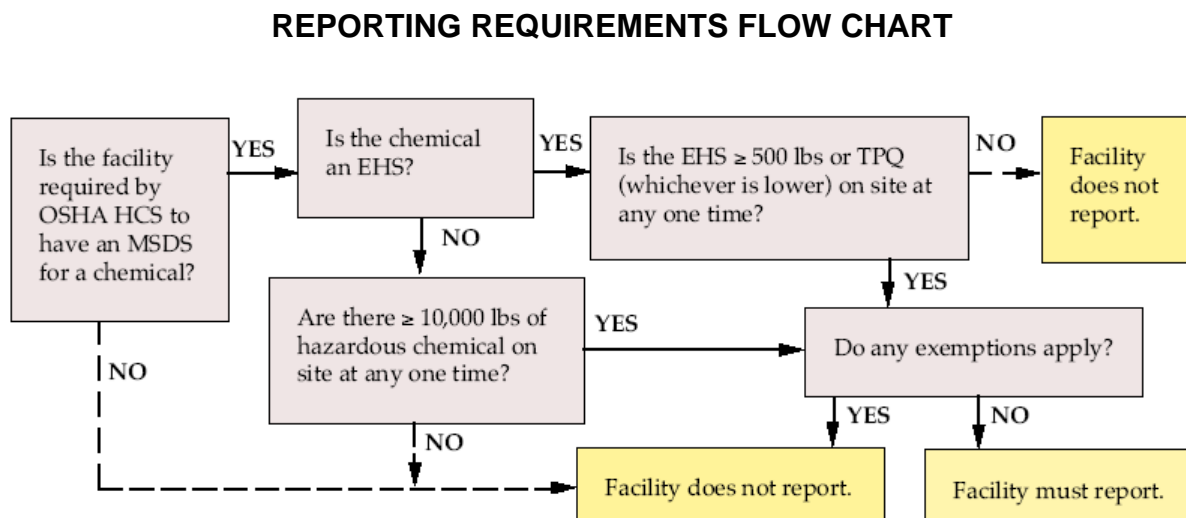


Figure 10-1.1 Reporting Requirements Flow Chart

1. Extremely Hazardous Substances (EHS) – Releases above the RQ for an EHS from a facility where the EHS is produced, used or stored are required to be reported immediately under CERCLA Section 103(a) and shall follow notification protocols identified in the next subsection. EHS releases above the Federal RQ shall be immediately reported to local responders and the NRC.
  - a. EHS releases below the Federal RQ require special notification protocols. The facility shall make notification based on the following:

- b. The release of the EHS is greater than one pound (unless and until superseded by regulations establishing a quantity for an extremely hazardous substance, a reporting threshold on one pound shall be assumed).
    - c. The release occurs in a manner, which would require notification under CERCLA Section 103(a);
    - d. The amount is in excess of a quantity which the Facility Owner determines requires notification; and
    - e. The release is not a federally permitted release as defined by CERCLA Section 101(10).
  2. Hazardous Materials – Releases of hazardous materials above the Federal RQ from a facility where the Hazardous Material is produced, used or stored is required to be reported immediately under CERCLA Section 103(a) and shall follow notification protocols identified in the next subsection.
  3. Other Chemicals – Releases of substances not identified as an EHS or Hazardous Material from a facility where the substance is produced, used or stored and the release of the substance requires notification under CERCLA Section 103(a), the owner or operator shall assume the reportable quantity to be one pound or more of the substance. Reporting of these releases shall follow notification protocols identified in the next subsection.
- C. Notification Requirements: In accordance with Chatham County Ordinance Requiring the Report of a Hazardous Materials Release (see Tab H), local emergency notification of releases meeting the criteria defined above shall be made as soon as possible, but no later than 15 minutes after discovery to the National Response Center (NRC) and the SFES by dialing 911.
  1. Notice shall include the following to the extent known at the time and so long as no delay in responding to the emergency results:
    - a. The chemical name or identity of any substance involved in the release;
    - b. An indication of whether the substance is on the EHS list;
    - c. An estimate of the quantity of any such substance that was released into the environment;
    - d. The Reportable Quantity of the substance is known;

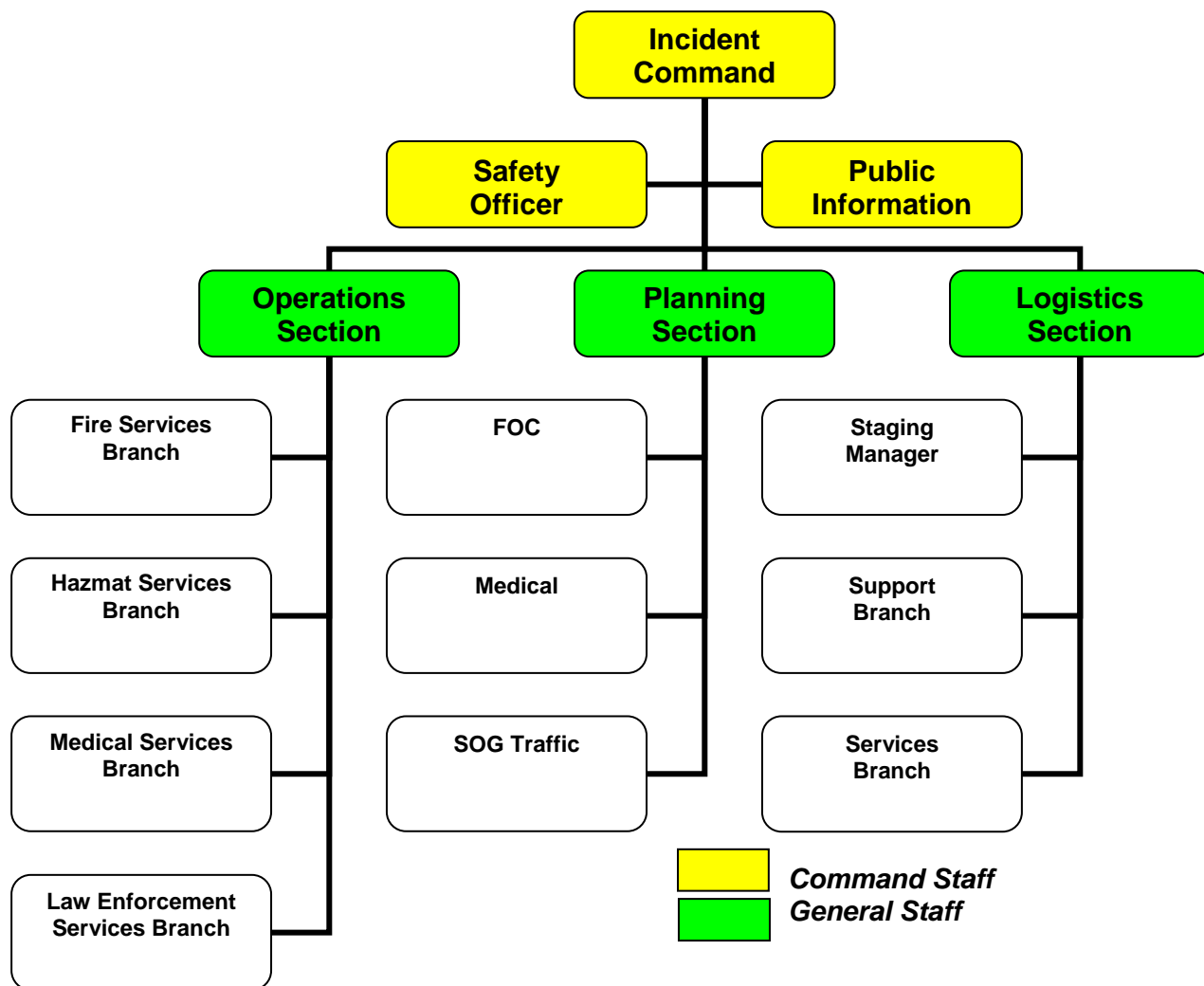
- e. Current disposition of the substance (i.e. contained or uncontained; on-site or off-site).
  - f. The time and duration of the release;
  - g. The medium or media into which the release occurred;
  - h. Any known or anticipated acute or chronic health risks associated with the emergency and, where appropriate, advice regarding medical attention necessary for exposed individuals;
  - i. Proper precautions to take as a result of the release, including evacuation; and
  - j. The name and telephone number, of the person or persons to be contacted for further information.
2. As soon as practicable after a release which requires notice, the owner or operator shall provide a written follow up emergency notice (or notices, as more information becomes available) defining and updating the information including additional information with respect to:
- a. actions taken to respond to and contain the release;
  - b. any known or anticipated acute or chronic health risks associated with the release; and
  - c. advice regarding medical attention necessary for exposed individuals.
3. The owner is required to submit a written follow up report to the LEPC no later than the close of the second business day following the release. The report must include the following information:
- a. Final update and summary of all information previously provided during the initial and subsequent follow up notifications.
  - b. Names of all personnel who required medical attention and to the extent known, the injuries suffered or complaints registered.
  - c. Identification and quantity of the hazardous material(s) released.
4. Hazardous material incidents above the established RQ shall also

be reported immediately to the Georgia Environmental Protection Division (EPD), the NRC, and the U.S. Coast Guard Marine Safety Unit (USCG MSU) if waterways are affected. (See TAB J for Emergency Response Agencies).

- D. Waterway Encroachment of Hazardous Materials Incidents – Any hazardous materials incident which encroaches into a navigable waterway, drainage ditch or pipe that leads to a navigable waterway shall involve notification to the US Coast Guard. Navigable waterways are defined in 40 CFR 110.1 and include:
1. All waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters that are subject to the ebb and flow of the tide;
  2. Interstate waters, including interstate wetlands;
  3. All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, and wetlands, the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters:
    - a. That are or could be used by interstate or foreign travelers for recreational or other purposes;
    - b. From which fish or shellfish are or could be taken and sold in interstate or foreign commerce;
    - c. That are used or could be used for industrial purposes by industries in interstate commerce;
  4. All impoundments of waters otherwise defined as navigable waters under this section;
  5. Tributaries of waters identified in parts above, including adjacent wetlands; and
  6. Wetlands adjacent to waters identified in parts above.
- E. Emergency Response Methods and Procedures – This ERP defines three levels of response depending on the magnitude of the incident and the degree of containment of the released material. A level 1 response can be managed by the Responsible Party and/or AHJ (Fire Department). A level 2 response requires assistance from the SFES HAZMAT Team, SCMPD and/or Chatham County. A level 3 response includes responders in level 1- 2 and requires state or higher assistance. The Incident Command System (ICS) will be utilized during response to hazardous materials incidents. Figure 1-2 illustrates a typical ICS structure for

incident management. This section identifies methods and procedures to be followed in response to any hazardous materials incident:

### INCIDENT COMMAND STRUCTURE



**Figure 10-1.2 Incident Command Structure**

1. Community Wide Warning - Several communication and warning methods are utilized in Chatham County.
  - a. Emergency Warning Sirens – CEMA maintains an elaborate system of emergency warning sirens and when activated covers approximately 95% of the population.
  - b. Mass Email – CEMA maintains a comprehensive email group and utilizes this system to distribute emergency information regarding incident specific actions required.

- c. Reverse 911 – The County's Dispatch Center has the ability to call all the residents and business in a defined area to distribute emergency information.
- d. Radio Communication – During periods of emergencies, the 911 Dispatch Center has the ability to make emergency and administrative announcements across the expansive 800 MHz radio network.

2. Initial Response

- a. The Incident Commander (IC) will establish an Incident Command Post (ICP) and a Staging Location.
- b. The IC will initiate the Incident Command System (ICS), conduct an incident assessment, determine the response level depending on the magnitude of the incident and request required resources to manage the event.
- c. The IC will ensure proper notifications are made to local, State and Federal entities as required.
- d. As additional resources arrive, key members of those support entities will designate a member to serve as part of a Unified Command (UC).
- e. The UC will establish frequency communication designations in accordance with the communications subsection.
- f. The UC will assign the ICS Command Staff (Public Information Officer, Safety Officer) and the ICS General Staff (Operations, Planning, Logistics, and Finance/Administration) with the most qualified personnel as the incident requires.
- g. The Hazmat Branch Director, when activated, under the direction of the Operations Section Chief (OSC), is responsible for the implementation of the Hazmat portion of the Incident Action Plan (IAP) and will conduct a comprehensive incident assessment which will include:
  - 1) The nature, amount and location of real or potential releases of hazardous materials;
  - 2) Pathways to human and environmental exposure;
  - 3) Probable direction and time of travel of the materials;

- 4) Potential impact on human health, welfare, safety, and the environment;
- 5) Types, availability, and location of response resources, technical support, and cleanup services;
- 6) Priorities for protecting human health, welfare and the environment.

3. Communications

- a. Initial dispatch and response will be provided through the jurisdiction fire department's normal dispatch method.
- b. In the event the response level requires multi-agency response efforts, the IC shall have available several channels common to the radio network for assignment as required to manage the incident. The following channels will be made available and utilized in the following manner:
  - 1) Command: Command Staff and General Staff – CEMA Channel 3A is an analog channel assigned for the IC/UC, Command Staff and General Staff to conduct incident management. All Command Staff and General Staff are required to monitor this channel for the duration of the incident or until directed otherwise by the IC/UC.
  - 2) Operations
    - a) Hazmat Services Branch – CEMA Channel 2D is a digital channel assigned to the Operations Section Chief and the Hazardous Materials Services Branch. The Hazmat Services Branch Leader will assign additional operational frequencies as required. All Hazmat Services Branch personnel are required to monitor this channel for the duration of the incident or until directed otherwise by the IC/UC.
    - b) Fire Services Branch – Chatham County Fire Tactical Channel 5 (CCFireTac 5) is an analog channel assigned to the Operations Section Chief and the Fire Services Branch regardless of jurisdiction. The Fire Services Branch Leader will assign additional operational frequencies as required. All Fire Services Branch personnel are required to monitor this

channel for the duration of the incident or until directed otherwise by the IC/UC.

- c) Police Services Branch – Police Common is an analog channel assigned to the Operations Section Chief and the Police Services Branch. The Police Services Branch Leader will assign additional operational frequencies as required. All Police Services Branch personnel are required to monitor this channel for the duration of the incident or until directed otherwise by the IC/UC.
  - d) Medical Services Branch – Medical Common is an analog channel assigned to the Operations Section Chief and the Medical Services Branch. The Medical Services Branch Leader will assign additional operational frequencies as required. All Medical Services Branch personnel are required to monitor this channel for the duration of the incident or until directed otherwise by the IC/UC.
- 3) Logistics: Logistics Management – Countywide Common is an analog channel assigned to the Logistics Section Chief for Logistics related activities. All Logistics Section support personnel are required to monitor this channel for the duration of the incident or until directed otherwise by the IC/UC.
  - 4) Planning: Planning Management – County Common is an analog channel assigned to the Planning Section Chief for planning related activities. All Planning Section support personnel are required to monitor this channel for the duration of the incident or until directed otherwise by the IC/UC.
- c. All requested resources responding to the incident must arrive at the identified Staging Location and monitor the Command Channel (CEMA Channel 3A) for follow on assignment.
  - d. On assignment, the responding entity shall establish communications with their particular Section Chief or Branch Leader using the identified channel above. The Section Chief or Branch Leader will indicate required channel for the entity to communicate.

4. Entity Specific Requirements

a. Facility Owner/Operator:

- 1) Implement Facility Emergency Operations Plans.
- 2) Provide notification in accordance with Chatham County Spill Release Ordinance.
- 3) Coordinate with emergency responders in the initial incident assessment by providing information, maps, MSDS, resource capability, etc. to the IC.
- 4) Maintain representation as part of the UC.
- 5) Provide support to the EOC as required.

b. Jurisdiction Fire Department:

- 1) If no RP has assumed the position as Incident Commander, the Jurisdiction Fire Department will:
  - a) Establish initial IC and the ICP.
  - b) Establish a Staging Area and assign a Staging Manager.
  - c) Establish initial Command Staff and General Staff.
  - d) Establish the communications frequency plan as defined in this document.
  - e) Expand the IC to a UC as entities report and as the incident requires for proper mitigation.
- 2) If an RP has assumed the position as Incident Commander, the Jurisdiction Fire Department will:
  - a) Join with established IC to expand to a UC.
  - b) Through the UC, make corrections as required to Command Staff and General Staff.
  - c) Maintain representation as part of the UC.
  - d) Maintain continuity in communications by supporting the channel assignments identified in this document.

- e) Provide support to the EOC as required.
- c. Supporting Fire Departments:
  - 1) Report to the defined Staging Area for assignment.
  - 2) Monitor the Command Channel as defined by this document until assigned to a particular ICS Section
  - 3) Once assigned, report to the General Staff Section Chief or Branch Leader for communication channel and direct tasking.
  - 4) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 5) Maintain continuity in communications by supporting the channel assignments identified in this document.
  - 6) Provide support as required to ensure proper management of the incident to include initiating prudent life safety measures.
  - 7) Provide support to the EOC as required.
- d. Jurisdiction Law Enforcement Departments:
  - 1) Report to the ICP as a member of the UC.
  - 2) Establish a Law Enforcement Services Branch Leader to coordinate all Law Enforcement activities as directed by the UC and/or Operations Section Chief.
  - 3) Establish site control and coordinate incoming support entities with the Staging Officer.
  - 4) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 5) Maintain continuity in communications by supporting the channel assignments identified in this document.
  - 6) Provide support to the EOC as required.
- e. Supporting Law Enforcement Departments:
  - 1) Report to the defined Staging Area for assignment.

- 2) Monitor the Command Channel as defined by this document until assigned to a particular ICS Section
  - 3) Once assigned, report to the General Staff Section Chief or Branch Leader for communication channel and direct tasking.
  - 4) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 5) Maintain continuity in communications by supporting the channel assignments identified in this document.
  - 6) Provide support to the EOC as required.
- f. Jurisdiction EMS Provider:
- 1) Report to the ICP as a member of the UC.
  - 2) Establish a Medical Services Branch Leader to coordinate all Medical activities as directed by the UC and/or Operations Section Chief.
  - 3) Coordinate with law enforcement personnel a traffic flow plan for transportation of victims.
  - 4) Establish and manage operations for on scene care and transportation to include triage and medical decon.
  - 5) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 6) Maintain continuity in communications by supporting the channel assignments identified in this document.
  - 7) Provide support to the EOC as required.
- g. Supporting EMS Providers:
- 1) Report to the defined Staging Area for assignment.
  - 2) Monitor the Command Channel as defined by this document until assigned to a particular ICS Section
  - 3) Once assigned, report to the General Staff Section Chief or Branch Leader for communication channel

and direct tasking.

- 4) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
- 5) Maintain continuity in communications by supporting the channel assignments identified in this document.
- 6) Provide support to the EOC as required.

h. SFES Regional Hazmat Team:

- 1) When available, respond to support other responders with EHS or unknown chemical releases as requested by the IC. When requested, the IC must indicate the initial size up of the incident and determine the response level and if it is a small or large spill. The following will be deployed based on the size-up provided:
  - a) Small Incident (55 Gal's or less) – Special Operations Chief (SOC), HM2, and one Engine with Hazmat Unit
  - b) Large Incident (55 Gal's or more) – SOC, HM2, two Engines with Hazmat Unit and one Rescue
- 2) Report to the ICP as a member of the UC.
- 3) Establish a Hazmat Services Branch Leader to coordinate all Hazmat response activities as directed by the UC and/or Operations Section Chief.
- 4) Distribute ICS Forms for incident documentation.
- 5) Coordinate incident air modeling to determine the extent of the contaminated area and advise UC on access and egress controls to contaminated areas.
- 6) Coordinate initial decon of injured or deceased personnel and advise the Medical Services Branch on recommended additional decon actions.
- 7) Coordinate with RP regarding proper disposal of wastes associated with hazardous materials incidents.

- 8) Use CAMEO to provide air modeling of the chemical release footprint.
  - 9) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 10) Maintain continuity in communications by supporting the channel assignments identified in this document.
  - 11) Provide support to the EOC as required.
- i. CEMA
- 1) Report to the ICP as a member of the UC.
  - 2) Coordinate with support agencies for response and notification.
  - 3) Coordinate Regional and State notification and request for support.
  - 4) Activate the County EOC as required.
  - 5) Coordinate local State of Emergency declarations.
  - 6) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 7) Maintain continuity in communications by supporting the channel assignments identified in this document.
- j. Chatham County Department of Public Health
- 1) Report to the ICP as a member of the UC.
  - 2) Assist in monitoring health affects on the surrounding population.
  - 3) Assist in coordinating patient tracking and hospital coordination.
  - 4) Monitor the Command Channel as defined by this document until assigned to a particular ICS Section
  - 5) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.

- 6) Maintain continuity in communications by supporting the channel assignments identified in this document.
- 7) Provide support to the EOC as required.
- k. Local Hospitals
  - 1) Report to the ICP as a member of the UC.
  - 2) Assist in monitoring health affects on the surrounding population.
  - 3) Assist in coordinating patient tracking and hospital coordination.
  - 4) Monitor the Command Channel as defined by this document until assigned to a particular ICS Section
  - 5) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 6) Maintain continuity in communications by supporting the channel assignments identified in this document.
  - 7) Provide support to the EOC as required.
- l. Jurisdictional and Supporting Public Works Departments
  - 1) Report to the defined Staging Area for assignment.
  - 2) Monitor the Command Channel as defined by this document until assigned to a particular ICS Section
  - 3) Once assigned, report to the General Staff Section Chief or Branch Leader for communication channel and direct tasking.
  - 4) As required and assigned by the UC, support the ICS structure by serving as a member of the Command Staff, General Staff or other.
  - 5) Maintain continuity in communications by supporting the channel assignments identified in this document.
  - 6) Provide support to the EOC as required.
5. Evacuation Management: Evacuation plans, including provisions for precautionary evacuations and alternative traffic routes, are

assembled in an “all hazards approach.” Specific procedures designed around chemical release are maintained in the County’s primary dispatch center. Initially, responders will follow ICS guidelines and any decision to evacuate or shelter in place will be made through the UC. Traffic operations and community diversion plans of high profile areas are maintained and regularly updated by the SCMPD Traffic Operations Group. Key intersections are identified and prioritized jurisdiction wide.

6. Public Information Management: During periods of emergency operations, the IC will designate a Public Information Officer (PIO) to manage and coordinate with the media. In large scale events, ESF-15 will be activated and a Joint Operations Center (JIC) may be utilized. Specific actions regarding the PIO function can be found in the Annex and Appendices supporting ESF-15 External Affairs.
  7. Emergency Response Resources: Tab E contains a descriptive list of emergency equipment and facilities.
- F. Resource Management and Evaluation: The Chatham County LEPC will assemble a consolidated resource list of local assets (public and private) that may be available for deployment in confirmed hazardous materials incidents. Once assembled, the LEPC shall evaluate the need for increasing the level of incident and the additional resources necessary to develop, implement, and exercise the emergency plan, and shall make recommendations with respect to additional resources that may be required and the means for providing each additional resource. Resource evaluations will be completed any time the committee is brought together to conduct business. Minutes of this meeting will be turned over to the LEPC for review and action within 30 calendar days.
- G. Recovery Management and Operations: The ICS structure can be utilized during recovery operations. The IC/US will select the most qualified individuals to serve as Command Staff and General Staff. In all situations, the Responsible Party (RP) has the duty to clean up hazardous materials incidents for which they are responsible. In situations where an RP has not been identified, and the incident is within the limits of a municipality, the municipality will be responsible for the clean up. If the incident is not within the limits of a municipality, the county or the appropriate state or federal regulatory body will be responsible for the clean up. Cost recovery varies from government to government and is the responsibility of the government in which the incident occurs.
- H. Private Contractors: In all situations, the RP has the duty to secure and coordinate the clean up of hazardous materials incidents for which they are responsible. Tab K of this Appendix contains a listing of local private contractors capable of performing emergency and/or remedial actions

associated with a hazardous materials incident.

- I. Training and Exercise: Training programs include schedules for training of local emergency response and medical personnel:
  - a. All Responders (Emergency, non-Emergency and Private Sector) – Responding entities in functional or supportive roles shall be trained to the minimum NIMS/ICS level required by their position.
    - 1) Command Staff – ICS 100, 200, 300, 400, IS-700 and 800  
Positions requiring this level of training include those holding positions equivalent to command and general staff positions, department heads, area commanders, emergency managers, chiefs, and assistant chiefs. In addition to the required NIMS/ICS training, those persons assuming Incident Command at a hazmat scene are required to be trained to at least the first responder operations level (1910.120(q)(6)(v)).
    - 2) Middle Management – ICS 100, 200, 300, IS-700 and 800  
Positions requiring this level of training include those holding positions equivalent to strike team leaders, task force leaders, managers, and superintendents.
    - 3) Supervisors – ICS 100, 200 and IS 700. Positions requiring this level of training include those holding positions equivalent to shift supervisors, field supervisors, and resource leaders.
    - 4) Front Line – ICS 100 and IS 700. Positions requiring this level of training include those holding positions equivalent to entry level first responders, hospital workers and other responders in a supportive role.
  - b. Emergency Responders other than Fire Departments – Awareness Level of NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, written and skills examination.
  - c. Fire Departments – Emergency Responders must be trained and certified at the Operations Level of NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, written and skills examination.
  - d. Hazmat Team Personnel – Members of a local or Regional Hazmat Team must be trained and certified to a greater operational standard. Training and routine activities include:

- 1) Advanced Hazardous Materials Courses that meet or exceed all objectives of NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, First Responder Technician Level.
  - 2) Participation in annual Pre-incident Planning and Site Surveys of facilities listed in this Appendix for the purpose of Tier II inspections and emergency response familiarization.
  - 3) Participation in team training as scheduled for the purpose of interoperability and cross training of team members including multi-company drills. This training includes: familiarization with reference materials, CAMEO manipulation, NIMS Compliance, SOP practices, and Post Incident Analysis (PIA).
- e. NIMS compliant training hosted locally will include the provisions established by this Appendix.
- f. Methods and schedules for exercising this ERP will be directly coordinated through ESF-10, the LEPC and CEMA. Exercise coordination will be conducted in accordance with Chatham County Emergency Operations Plan, Support Annex 10, Training and Exercise Plan.

## **VI. RESPONSIBILITIES**

- A. In accordance with EOP, ESF 10 Annex, Chatham County has identified support agencies for response to an actual or potential discharge and/or uncontrolled release of oil or hazardous materials during disasters or emergencies.
- B. All agencies listed with emergency support requirements in ESF 10 will participate in an annual training scenario implementing the scope of this document.
- C. All responders who may serve in command or general staff must have NIMS ICS-100, 200, 300, 400, 700 and 800 NIMS compliant training. Local government has the responsibility for the protection and well being of the citizens. Consequently, local governments through the designated response agencies will:
1. 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.
  2. Train all first responder agency personnel in basic Hazmat

- awareness to assist in recognition of and first-step protection measures for response to hazmat incidents.
  - 3. Respond to hazardous material incidents of all types and sizes that warrant a response.
  - 4. Make initial assessments as to the severity/magnitude of the situation.
  - 5. Provide appropriate response assistance during the incident and protection measures to prevent or minimize injuries and property damage within the community.
  - 6. Assist during the recovery, until all danger to the community and environment has passed.
- D. Facilities and shippers that use, manufacture, store, or transport hazardous materials will be responsible for:
- 1. Identifying and complying with all federal, state, and local regulations that are relevant to their operations.
  - 2. Containment and subsequent cleanup of hazardous material accidents.
  - 3. Furnishing appropriate Material Safety Data Sheets, annual hazardous material inventory reports and facility profiles to the Chatham County LEPC and the Jurisdiction Fire Department. Maintain the accuracy of the information provided.
  - 4. Develop a Facility Emergency Response Plan to prepare for and respond to hazmat accidents. Submit completed Plan to CEMA.
  - 5. Develop incident reporting procedures and methods for determining the occurrence of a release and CA of areas that are likely to be affected by such a release and initiate notification procedures as outlined in this document.

## **VII. APPENDIX MANAGEMENT AND MAINTENANCE**

- A. CEMA is the executive agent for the Appendix management and maintenance. The Appendix and supporting documents will be updated periodically as required to incorporate new directives and changes based on lessons learned from exercises and actual events. This section establishes procedures for interim changes and full updates of the Appendices.
- B. Types and Changes: Changes include additions of new or supplementary

material and deletions. No proposed change should contradict or override authorities or other plans contained in statute, order, or regulation.

- C. Coordination and Approval: Any department or agency with assigned responsibilities within the Appendix may propose a change to the plan. CEMA is responsible for coordinating all proposed modifications to the Appendix with primary agencies, support agencies and other stakeholders. CEMA will coordinate review and approval for proposed modifications as required.
- D. Notice of Change: After coordination has been accomplished, including receipt of the necessary signed approval supporting the final change language, CEMA will issue an official Notice of Change. The notice will specify the date, number, subject, purpose, background, and action required, and provide the change language on one or more numbered and dated insert pages that will replace the modified pages in the Appendix. Once published, the modifications will be considered part of the Appendix for operational purposes pending a formal revision and re-issuance of the entire document. Interim changes can be further modified or updated using the above process.
- E. Distribution: CEMA will distribute the Notice of Change to all participating agencies. Notice of Change to other organizations will be provided upon request. Re-issuance of the individual appendix or the entire EOP will take place as required. Working toward continuous improvement, CEMA is responsible for an annual review and update of the EOP to include related annexes, and a complete revision every four years (or more frequently if the County Commission of GEMA deems necessary). The review and update will consider lessons learned and best practices identified during exercises and responses to actual events, and incorporate new information technologies. CEMA will distribute revised EOP documents for the purpose of interagency review and concurrence.
- F. Annually, this plan shall be reviewed by representatives of organizations listed in Tab D as emergency coordinators and Tab J as emergency responders.
  - 1. Implementation of this plan is through guidance by the National Response Team, as established pursuant to the CERCLA National Contingency Plan (42 U.S. C. 960 et seq.)
  - 2. Upon completion of this ERP, the LEPC shall submit a copy of the base plan to the Georgia SERC for review. Recommendations may include revisions to the base plan necessary to ensure coordination with emergency response plans of other emergency planning districts. To the maximum extent practicable, this review will not delay implementation of the plan.

3. Upon completion of this ERP, the base plan shall be submitted for review to established regional response teams pursuant to the CERCLA National Contingency Plan Section 105 (42 U.S.C. 9601 et seq.). Through this law, regional response teams may review and comment on an emergency plan or other issues related to preparation, implementation, or exercise as requested by an LEPC.