# **SECTION G**

# EMERGENCY RESPONSE PLAN (CONTINGENCY PLAN)

Revision No. 5.0

# SECTION G EMERGENCY RESPONSE PLAN (CONTINGENCY PLAN)

# PREFACE

This Emergency Response Plan includes, but is not limited to the requirements of:

- 29 CFR 1910.38 (Emergency Action and Fire Prevention);
- 29 CFR 1910.120 (Hazardous Waste Operations and Emergency Response);
- 40 CFR 264 Subpart D (Contingency Plan and Emergency Procedures); and
- ADEM Administrative Code Rule 335-14-5-.04 (Contingency Plan and Emergency Procedures).

This Emergency Response Plan is designed to minimize hazards to human life, human health, and the environment from fires, explosions or any unplanned release of hazardous materials, chemicals, waste, or waste constituents to air, soil, or surface water.

The provisions of this plan will be carried out immediately whenever there is a fire, explosion, natural disaster, or release of any substance that could threaten human health or the environment.

This Emergency Response Plan provides an explicit description of the response procedures that will be implemented in an emergency in order to protect personnel at the Facility, the public, and the environment. The following sections present the procedures for implementation of the plan.

A current copy of this Plan will be maintained at the Facility. In addition, copies of this Plan will be submitted to local police departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services (see Appendix G-4 of this section). Documentation of compliance with local coordination agreements is maintained at the Facility.

# **SECTION G**

# EMERGENCY RESPONSE PLAN

# (CONTINGENCY PLAN)

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# **SECTION G**

# EMERGENCY RESPONSE PLAN

# (CONTINGENCY PLAN)

### G-1 General Facility Description

#### 5 G-1a Facility Identification, Location, and Site Plan

- NAME: Chemical Waste Management, Emelle, Alabama Facility, hereafter referred to as "Facility"
- LOCATION: The Facility is located at 36964 Alabama Highway 17, Emelle, Alabama. The facility is approximately 5 miles north of Emelle and 4.5 miles south of Geiger, on Highway 17 near mile marker 163.

#### EMERGENCY RESPONSE LANDING ZONE COORDINATES: 32° 47.57 North 88° 18.31 West

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FACILITY OWNER/OPERATOR: Chemical Waste Management, Inc. 36964 Alabama Highway 17 North Emelle, Alabama 35459 (205) 652-8130 (scale house)

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Figure G-1 shows the layout of waste storage, processing and disposal units, and the locations of other buildings and structures at the Facility.

### G-1b Facility Topography, Layout and Prevailing Weather Conditions

The Facility is located in Sumter County in west Alabama, approximately 18 miles northwest of the City of Livingston (Figure G-2 and G-3). The Facility is a permitted, secure hazardous waste treatment, storage and disposal Facility.

The Facility is located in west Alabama primarily because of the geology of the area, as cited by a 1973 EPA Office of Solid Waste report to Congress. Largely on the strength of the information
in that report, a group of investors acquired the land and developed the Facility in 1977. In 1978, the Facility was acquired by Waste Management, Inc. Ownership was then transferred to Chemical Waste Management, Inc. in May 1978.

The inherent soundness and integrity of the geology is the Facility's best-known characteristic. The Facility is located atop the Selma Chalk, a massive and stable geologic unit stretching across central Alabama and Mississippi. The thickness and impermeability of the Selma Chalk far exceeds the requirements of conventional industry and regulatory standards. The chalk is relatively homogenous throughout, even though it is layered. The chalk is fine-grained, and the space between the grains is so small that moisture trapped in the chalk is held nearly stationary.

5 The chalk bed acts as an aquitard - it does not let water flow easily through it - rather than an aquifer, which permits easy groundwater flow.

The local climate is significantly humid most of the year, with one short cold season. In summer, the southerly winds and accompanying warm gulf air masses predominate, resulting in a warm, humid maritime climate. Summer days are hot and humid with warm nights. In winter, cold northern air occasionally invades the area, causing rapid and sometime dramatic temperature shifts. Annual rainfall averages 53 inches and average snowfall 1 inch. The average relative humidity is 75%, and the average wind speed is 7.6 mph. There are on average 47 days below freezing and 78 days when temperatures reach 90 degrees Fahrenheit.

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The Facility was selected on the basis of the following suitability criteria:

- low population density and low alternate land use;
- an absence of flood plains, depressions, and steep slopes;
- high clay or chalk content to provide low permeability;
  - good transportation access; and
  - low groundwater contamination potential.

#### G-1c Facility Operations and Types of Waste Received at the Facility

<sup>25</sup> The Facility manages hazardous waste using the following process units:

- storage and processing of waste in containers;
- storage and processing of waste in tanks;
- storage and processing of waste in containment buildings;
- transportation of waste in containers; and
- landfill disposal.

The Facility stores, processes, treats and disposes of non-hazardous waste and hazardous chemical waste. Appendix G-1 lists the types of wastes managed at the Facility, by location.

## G-2 Facility Security and Control

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The active Facility is controlled by a perimeter fence at least 6 feet in height. There are auxiliary gates on the Facility that are normally in the locked position. All gate locations are identified in Figure G-5. Entry to the Facility is through the main gate. The main gate is manned during normal working hours and locked during all other hours.

Control and accountability of employees, contractors, deliverymen, regulators and all other visitors that enter the Facility are provided at the facility. Only authorized vehicles are allowed to enter the Facility. All active employees and authorized contractors (temporary and long-term) are provided an electronic access cards to gain entrance to the employee entrance to the left of the scales. Authorization for all other cases is granted by the Facility personnel at the scales/guardhouse at the gate entrance. All persons required to sign in upon entering the Facility (pedestrians and drivers) must also be signed out. This provides accountability of all individuals on the active portion of the facility.

### 15 G-3 Personnel Roles, Lines of Authority, Training, and Communications

#### G-3a Personnel Roles and Lines of Authority

At all times, there will be at least one employee, either on the Facility premises or on call, with the responsibility for coordinating all emergency response measures. This employee will be designated as the Emergency Coordinator (EC). He/she is the senior official responding to an emergency for the Facility.

During normal operating hours, an EC will be at the Facility. When an EC is not at the Facility, an EC will be on-call. If the EC is on call, he/she must normally be able to reach the Facility within 30 to 60 minutes but in no case in more than 2 hours. When on call, the EC will be available via mobile telephone or two-way radio and will coordinate the emergency response with the most qualified employee available, via telephone or two-way radio, until his/her arrival at the Facility.

- The EC is familiar with all aspects of the Facility's Emergency Response Plan, all operations and activities at the Facility, the location and characteristics of waste handled, the location of all records within the Facility, and the Facility Layout. The EC has the authority to commit the resources needed to carry out the Emergency Response Plan. A copy of the letter stating corporate authority for EC's is presented in Appendix G-2.
- <sup>35</sup> Appendix G-2 lists the Facility Emergency Coordinators. The EC is the incident commander for all emergencies at the Facility and commands the Facility's Emergency Response Team.

There are three basic elements of the Facility Emergency Response Team which are as follows:

- Fire Brigade/Confined Space Rescue;
- Hazardous Materials Emergency Response Team (HazMat Team); and
- First Aid/Emergency Medical Team.

The senior member of each element of the Facility Emergency Response Team, who is present, commands that element and reports directly to the Emergency Coordinator. In the case of a prolonged event, additional support elements may be added by the EC as needed.

#### 10 G-3b Training

**Emergency Coordinators** are chosen based on a combination of their education, training, experience, capabilities, and maturity. In addition to these basic requirements, the EC will receive an additional 24 hours of Emergency Response "Technician" Level training as well as "Incident Commander" level training meeting the requirements of 29 CFR 1910.120(q)(6)(iii) & (v).

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**Fire Brigade** members will be trained to meet the requirements of 29 CFR 1910.156 (Fire Brigades). Fire Brigade members will also be trained to do confined space rescue, meeting the requirements of 29 CFR 1910.146.

20 **Hazardous Materials Emergency Response Team** members will be trained at the "Technician" level and meet the requirements of 29 CFR 1910.120 (q)(6)(iii).

**First Aid/Emergency Medical Team** members will be trained in at least basic first aid and be trained, or enrolled in training, in an approved Emergency Medical Technician basic level course.

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In addition to individual element training, the entire Emergency Response Team will demonstrate competency in an actual emergency response and will participate in an annual Facility evacuation drill.

#### G-3c Communications

30 The Facility is equipped with a communication network to link both on-site and off-site resources. Off-site communications are available via the local telephone system. Telephones are located in the following buildings:

	Building Name	Building Number
	Guardhouse and Scales	207
	Heavy Equipment Shop Building	300
	Central Inventory	605
5	Container Processing Office/Equipment Room	701
	Consolidated Technical Services Building	707
	Laboratory Building	708
	Bulk Sampling Station	1000
	Stabilization Office	1200A
10	Container Management Unit	2000
	Leachate Treatment Plant	2001

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On-site communications can be conducted by telephones, through the telephone intercom system, and via two-way radio. There are numerous mobile hand-held two-way radio units at the Facility. Most of these are assigned to staff during operating hours.

Finally, fire alarms and pull stations are located at various locations throughout the Facility. These pull stations are accessible to all employees in the event of a fire or other event that requires evacuation. The alarms consist of an audible (intermittent horn) and visual (blinking lights) system. The alarm systems are tested for reliability and adequacy on a minimum of a bi-monthly schedule.

# G-4 Personal Protective Equipment (PPE) and Emergency Equipment

### G-4a Personal Protective Equipment (PPE)

- The Facility maintains a substantial inventory of PPE that is used for normal operations. This 25 equipment may be available in an emergency and is received and stored at Central Inventory (Building 605) with satellite distribution areas in Units 701 and 1200A. The equipment includes:
  - **Protective Coveralls**
  - Gloves •
  - Respirators •
  - Hard Hats •
  - Safety Boots •
  - Safety Glasses
  - Goggles •
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- Face Shields
- Sleeve Protectors
- Aprons
- <sup>5</sup> In addition, the Facility maintains an emergency response trailer with PPE and emergency equipment dedicated and staged for emergency use only. A list of equipment in the emergency response trailer is contained in Appendix G-3.

#### G-4b Emergency Equipment

The typical emergency equipment maintained (and replenished as necessary) at the Facility can be divided into three main groups and includes: Fire Response Equipment, First Aid Equipment, and Spill/Release Mitigation Equipment.

#### G-4b(1) Fire Response Equipment

**Fire Loop System** – An underground pipe system supplied from a 500,000-gallon tank. Supplies water to automatic sprinkler systems in most major Facility buildings and to fire hydrants located strategically on the loop (See Figure G-4).

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**Fire Truck** – A pumper truck capable of supplying 1-1/2" - 2" hoses from an internal tank, fire hydrants, or by siphoning from sedimentation basins. It is also equipped with a top-mounted water cannon. The truck is equipped with self-contained breathing apparatuses (SCBA) and spare bottles. Spare SCBAs will be maintained in the fire bay, along with sets of firemen's turnout gear.

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**Water Wagon** - The water wagon is used primarily for dust suppression, but is equipped with a top-mounted water cannon capable for use as a back-up firefighting unit, if available and as needed.

**Fire Extinguishers** - Various sizes and types of fire extinguishers located strategically across the Facility. The number and type of fire extinguishers are selected using the guidelines of National Fire Protection Association (NFPA) 10.

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#### G-4b(2) First Aid Equipment

**First Aid Treatment Room** - The Facility maintains a first aid treatment room on the first floor of Building 707 (Technical Services). The following equipment is maintained in that room:

- First Aid Kit •
- Fracture Kit
- Hare Traction Splint
- Suction Unit
- Resuscitator
- **Emergency Burn Kit**
- Backboard
- Portable Oxygen Unit (as allowed by law) .
- Bandages, Tape and Antiseptic

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Emergency Transport Vehicle - The Facility maintains a vehicle to transport injured employees from the Facility. This vehicle is equipped with flashing caution lights and the following equipment:

- Stretcher .
- **Emergency Burn Kit** 
  - Backboard
  - Resuscitator
  - Suction Unit
  - Fracture Kit
- Portable Oxygen Unit (as allowed by law) •

#### G-4b(3) Spill/Release Response Equipment

**Emergency Response Trailer** - The Facility maintains a mobile trailer that is equipped with PPE and spill/release control equipment used solely for emergency situations. A list of equipment is contained in Appendix G-3.

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Other Equipment - The Facility uses various pieces of equipment in its normal operations that can be used in an emergency (if available) including:

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- Bulldozer •
- End Loader
- Backhoe •

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- Earth Mover
- Forklift

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- Vacuum Truck
- <sup>5</sup> The Facility also has an inventory of small equipment and supplies that may be used for emergencies, if available and as needed. These include the following:
  - portable pumps and hoses;
  - generator powered lighting plants (mobile);
  - construction, repair and maintenance equipment;
    - drums and other containers; and
    - sorbent materials.

## G-5 First Aid and Emergency Medical Treatment

The Facility maintains the capability to administer first aid to an employee in the event of an injury.
The equipment on hand is described in Section G-4b(2), and the training of responders is described in Section G-3b. Facility first aid responders and emergency medical technicians are trained to stabilize injured employees and then to transport them to the nearest suitable medical Facility. In the event of an injury, trained personnel can communicate with the local area hospital emergency rooms via telephone or two-way radio. Fully staffed emergency facilities are available
20 24 hours a day in Meridian, Mississippi and Tuscaloosa, Alabama. The Facility maintains an emergency transport vehicle equipped with first aid supplies for transportation of an injured individual. The Facility also has the option of calling for support from ambulance services in

## G-6 Evacuation Procedures, Safe Distances and Places of Refuge

Livingston, York, and Eutaw, Alabama and a national physician-led air ambulance trauma team.

<sup>25</sup> The Emergency Coordinator, or his/her alternate, is the only person authorized to call for complete evacuation of the Facility in response to an emergency situation that threatens the health and safety of Facility personnel. He/she may take this action based upon his/her analysis of the situation or at the direction of an on-scene public emergency service coordinator (e.g., Sheriff, Fire Chief).

#### **G-6a Facility Access and Egress**

The Facility is located in a rural area 5 miles north of the town of Emelle, Alabama and approximately 18 miles northwest of the City of Livingston, Alabama. State Highway 17, a

two-lane highway running north and south, bisects the Facility and provides the only public road access to the Facility. The area surrounding the Facility is farmland. Evacuation routes are shown in Figure G-5.

<sup>5</sup> The Facility is designed and operated to facilitate access to all points across the Facility for inspection and emergency response. Enclosed processing areas are all equipped with high bay doors, and adequate aisle space is maintained within buildings.

Site access to the Facility is restricted and during an emergency event, security will be maintained, except for persons assisting in the response efforts. A detailed enumeration of personnel admitted to the Facility during an emergency will be maintained and access points to the Facility will be continuously manned, to the extent possible.

Procedures for the evacuation of the Facility and surrounding areas are further described in detail in the following sections.

#### G-6b Evacuation Criteria

The Emergency Coordinator will evacuate the entire Facility if, in his/her judgment an emergency condition occurs that would potentially cause Facility-wide injury to personnel and the danger is imminent.

#### 20 G-6c Evacuation Procedures

The following actions will be taken as needed when the EC orders an emergency Facility evacuation:

- The EC or designee has the authority to immediately activate any required emergency services as deemed necessary. If necessary, the EC will call the Sumter County Sheriff (205/652-2841) for assistance, reporting any casualties and arranging for their emergency care. The EC will coordinate activities with the Sheriff and Fire Departments.
  - 2. The EC will broadcast evacuation instructions, as needed, to area supervisors via the Facility's two-way radio system. The message will be prefaced with a statement, such as, "This is an emergency. Implement the Emergency Response Plan. Standby for further instructions," followed by the specific instruction. All drills will be prefaced by "This is a drill".
- 3. Evacuation from buildings will be through the use of the emergency exit signs. Once personnel are out of buildings, the EC or designee will determine which evacuation routes will be used depending upon the locations of the incident, wind direction, and personnel location.

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- 4. The individuals listed below will unlock the required exit gates as required. All gate locations are identified in Figure G-5. All gates, other than the main entrance (which is open during working hours and secured by security personnel), are locked during normal operations for security reasons; however, keys are available from:
- Division Manager

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- Facility Maintenance Supervisor; and
- Security Guard.
- 5. All personnel, including visitors and contractors, will immediately leave through the evacuation route designated by the EC.
- 6. Evacuation should proceed as follows:
  - if DOWNWIND OF INCIDENT, evacuate perpendicularly to wind direction over the most accessible route; or
  - if **UPWIND OF INCIDENT**, evacuate in upwind direction.
  - 7. Personnel will re-group at pre-specified meeting places. This may include one or all of the following areas:
    - Intersection of State Highways 17 and 116;
    - 10-Day Yard on the west side of State Highway 17;
    - Front Office Parking Lot; or
    - Other areas designated by the Emergency Coordinator.
  - As employees reach the pre-specified meeting places, the senior person present will call in the names of the employees present to the EC or his designee. These names will be crossed checked with the Facility's computerized employee and visitors accounting system.
    - 9. All attempts to rescue or find persons unaccounted for will be directed by the EC.

## 25 G-7 Pre-Emergency Planning and Coordination with Outside Parties

The Facility has contacted outside local emergency authorities to make appropriate emergency arrangements as required by ADEM Administrative Code Rule 335-14-5-.03(8). Correspondence from these authorities, with respect to any arrangements, if any, will be documented in the facility operating record.

State and local authorities annotated in Appendix G-4 are also provided with copies of this Emergency Response Plan and subsequent updates once approved by ADEM and appropriate

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documentation shall be maintained in the facility operating record. Copies of cover letters sent to authorities are maintained in the Facility Operating Record. In addition, County police, fire, and emergency response units will be invited to tour the Facility and be familiarized with the layout of the Facility, properties of hazardous waste handled and associated hazards, normal work areas, Facility entrances and roads, and possible evacuation routes.

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Emergency telephone numbers for the local authorities are listed in Appendix G-4.

## G-8 Emergency Recognition and Prevention

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All Facility employees are trained in emergency recognition and reporting. The Facility has numerous practices and procedures that reinforce emergency prevention, environmental compliance, and operational efficiency. The Facility views this Emergency Response Plan as an important tool in emergency prevention, and can activate this plan as a preventive measure if an abnormal situation develops.

## G-9 Emergency Alerting and Response Procedures

<sup>15</sup> Emergency alerting at the Facility is accomplished primarily through radio communications and secondarily through the telephone and telephone paging system.

The EC will determine, in conjunction with the individual(s) on the scene, whether the incident constitutes an emergency or is incidental. The Facility's training for employees, as described in the Training Plan (see Section H of the Part B Permit Application), provides additional guidance in making that determination.

If an emergency exists, the EC will implement the Emergency Response Plan by broadcasting on the radio an announcement prefaced with a statement, such as, "This is an emergency. Implement the Emergency Response Plan. Standby for further instructions." Specific instructions will then be given by the EC.

Upon hearing this broadcast, all non-essential radio broadcasts will cease, and all members of the Emergency Response Team will go to their pre-arranged mobilization point. All other employees will standby for further instructions.

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When each emergency response element is prepared to respond from the following mobilization points, the senior member from each element will report "up and ready" to the EC.

- Fire Brigade Fire Bay/Building 600
- HazMat Team East end of Building 704
- Emergency First Aid Treatment Room/Building 707
- 5 Appendix G-5 is a checklist for EC's to use as a guide for an emergency response. It is understood that every possible scenario cannot be anticipated and that the response steps may vary depending on the dynamics of the situation. The EC will complete the requirements of the checklist as expeditiously as possible, consistent with the minimization of harm to human health and the environment.

### 10 G-10 Decontamination

The Facility uses and maintains "transition zones" or "decon zones" for the donning and doffing of PPE upon entry and exit from a waste processing area. If an emergency exists in one of the waste processing areas, the normal "decon zone" will be used, if possible.

- If an emergency exists outside of a waste processing area, and there is a potential for a chemical exposure, then a "hot zone" will be established, and PPE requirements inside the "hot zone" will be set by the EC. A transition/decon zone will be delineated adjacent to the "hot zone", and decontamination will take place in that area.
- 20 Appropriate decontamination procedures (i.e., dry decontamination, detergent and water washing, solvent washing, or other appropriate methods) will be used as determined by the EC or his designee. Any residuals, generated from the decontamination procedure, will be handled as required by applicable regulations.

### **G-11 Review and Amendments**

- The Emergency Response Plan shall be reviewed after each implementation or drill, but in no case less than bi-annually. In addition, the plan must be reviewed and amended, if necessary, whenever:
  - the Facility permit is revised;
  - the plan fails in an emergency;
- 30
- the Facility changes in a way that materially increases the potential for fires, explosions, or releases of hazardous waste or changes the response necessary in an emergency;
- the list of emergency equipment changes; or
- the list of EC's changes.

Amendments to the plan will be in accordance with ADEM Administrative Code Rule 335-14-8-.04 and 40 CFR 264 Subpart D.

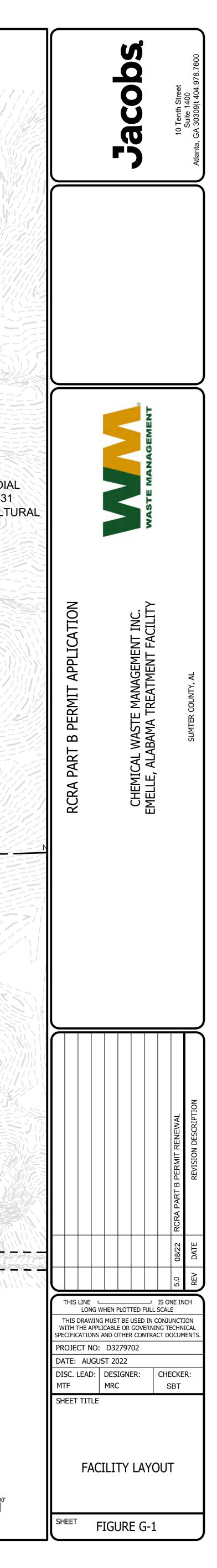
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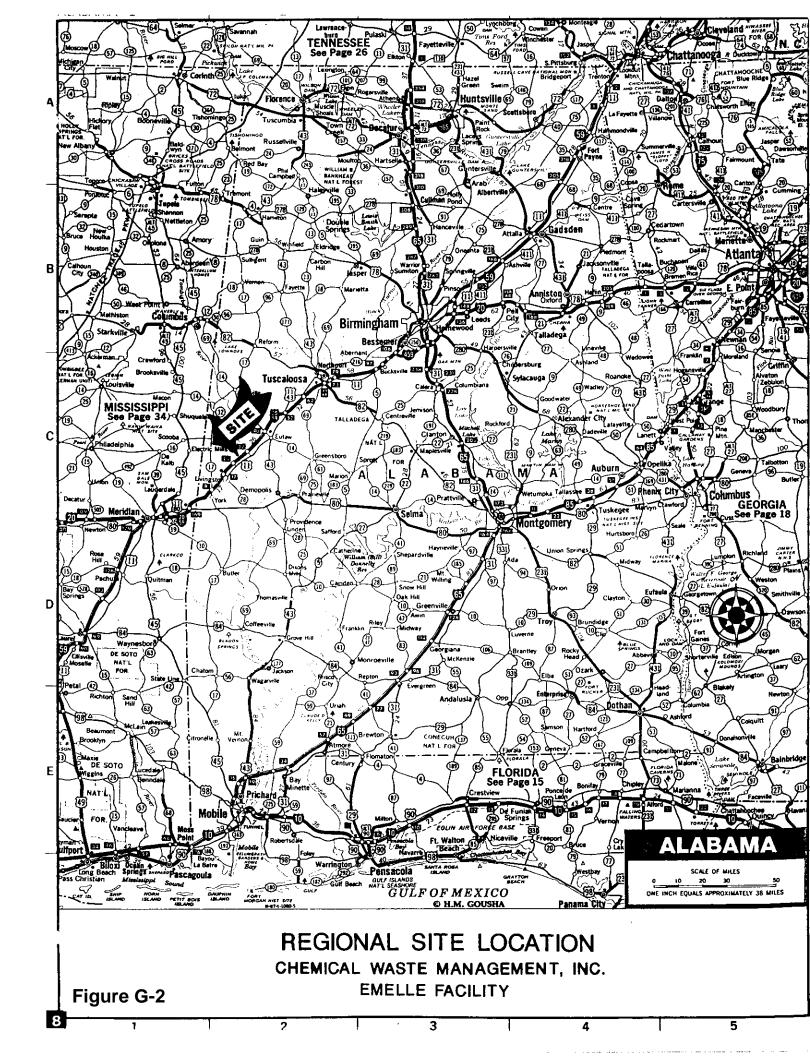
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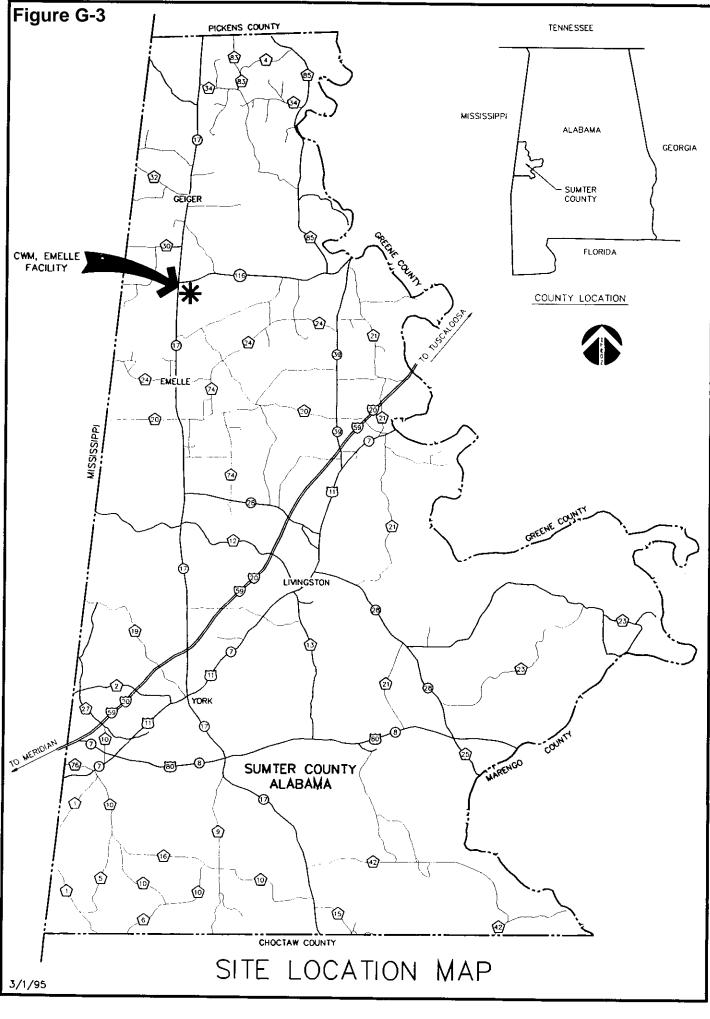
# SECTION G EMERGENCY RESPONSE PLAN (CONTINGENCY PLAN)

FIGURES

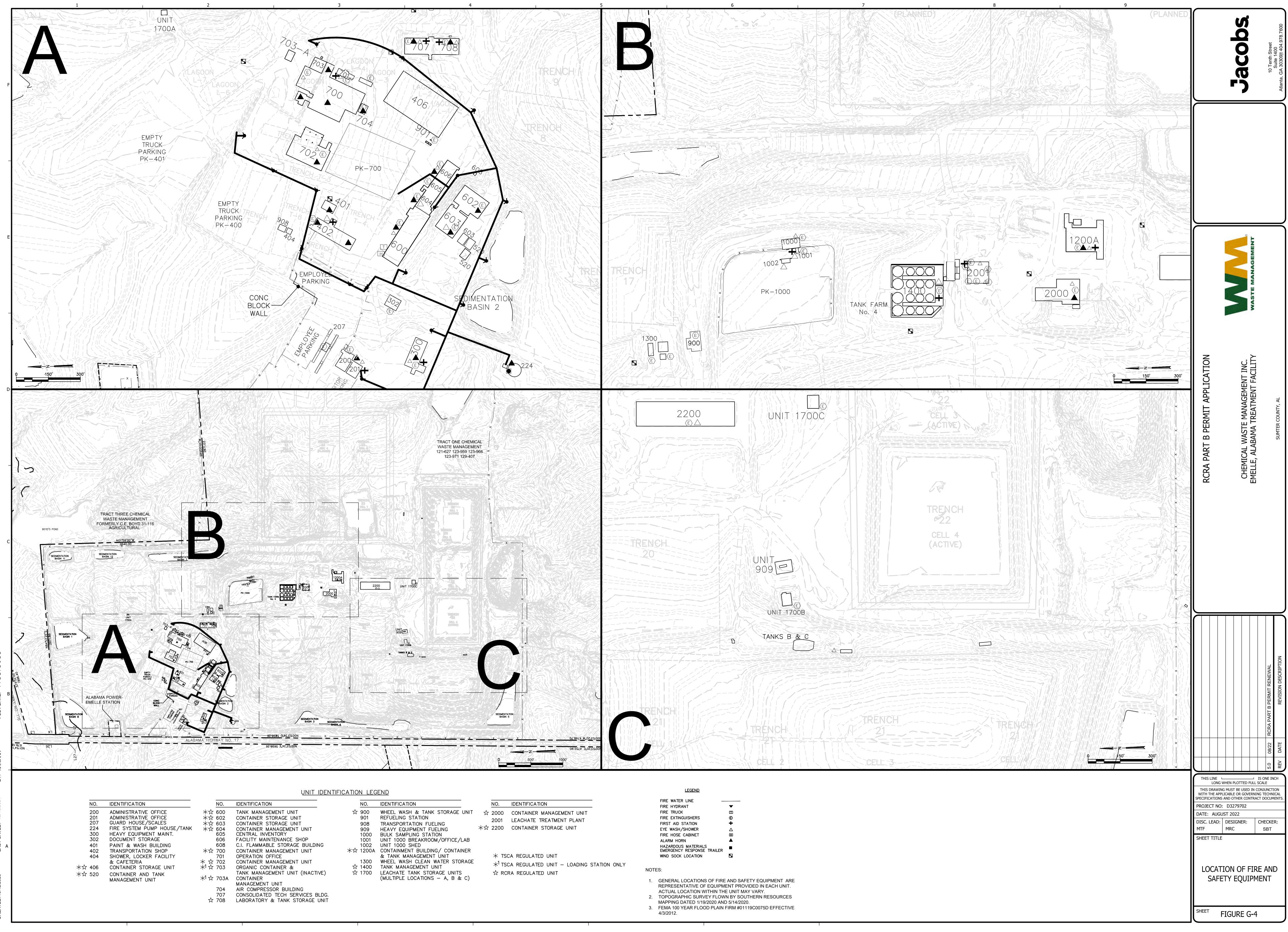




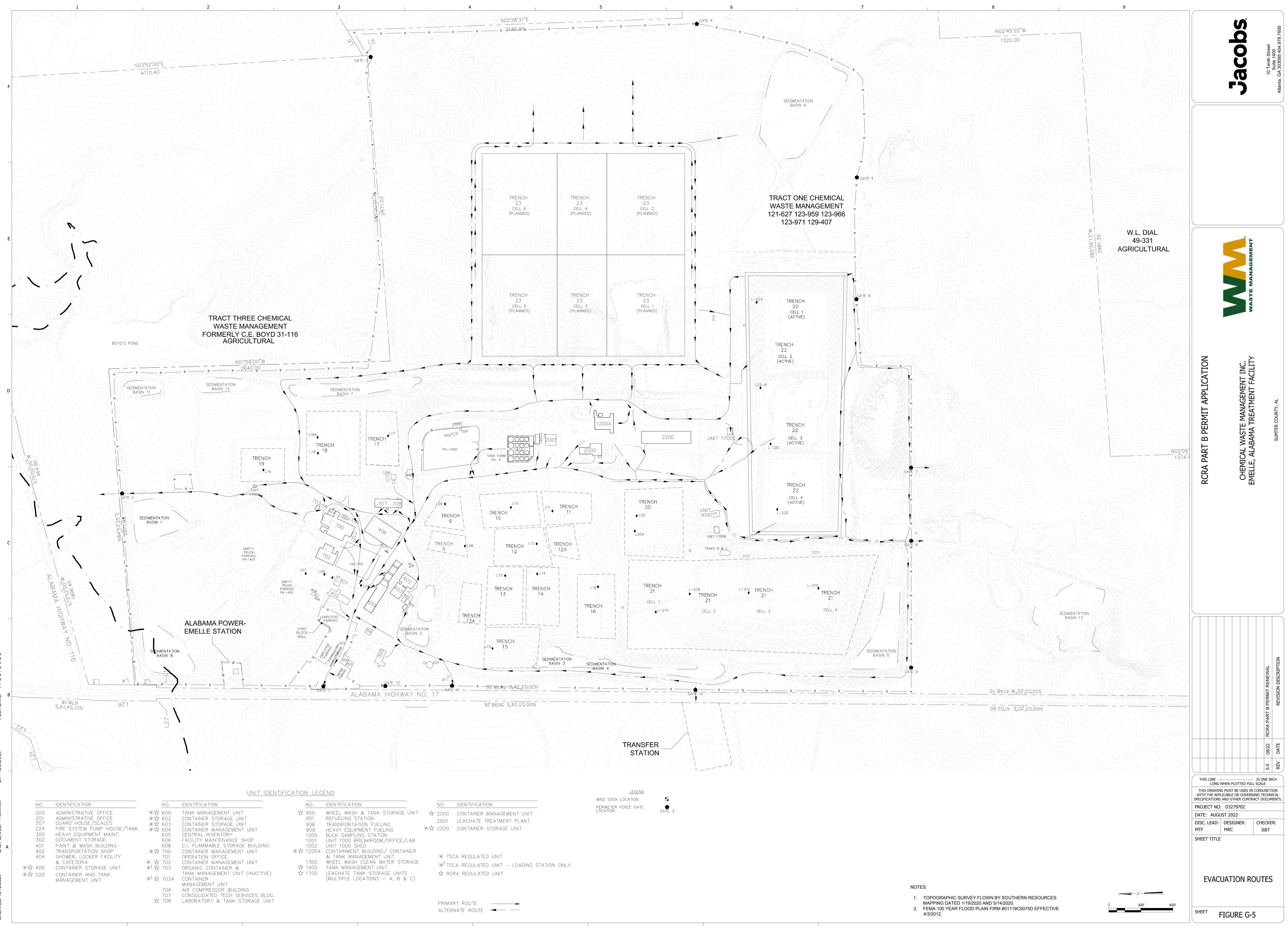




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FIRE WATER LINE	
FIRE HYDRANT	¥
FIRE TRUCK	Ī
FIRE EXTINGUISHERS	E
FIRST AID STATION	+
EYE WASH/SHOWER	Δ
FIRE HOSE CABINET	H
ALARM HORN	
HAZARDOUS MATERIALS EMERGENCY RESPONSE TRAILER	
WIND SOCK LOCATION	S



# **APPENDIX G-1**

# **SECTION G**

# TYPES OF WASTE THAT MAY BE MANAGED

Revision No. 5.0

# **APPENDIX G-1**

## **SECTION G**

#### TYPES OF WASTE THAT MAY BE MANAGED IN THESE UNITS<sup>1</sup>

5	Unit	Description	Processes <sup>2</sup>	Waste Types <sup>3</sup>
	406	Container Storage Unit	С	I,E,C,H,R,T,PCBs
	520	Container &	С	I,E,H,T,PCBs
		Tank Management Unit	Т	I,E,H,T
	600	Tank Management Unit	Т	I,E,H,T,PCBs
10	602	Container Storage Unit	С	I,E,C,H,R,T,PCBs
	603	Container Storage Unit	С	I,E,C,H,R,T,PCBs
	604	Container Management Unit	С	I,E,C,H,R,T,PCBs
	700	Container Management Unit	С	I,E,C,H,R,T,PCBs
	702	Container Management Unit	С	I,E,C,H,R,T,PCBs
15	703A	Container Management	С	E,C,H,R,T,PCBs
		Unit	Т	E,C,H,R,T
	708	Laboratory Tank Storage Unit	Т	E,C,H,R,T
	900	Wheel Wash and Tank Storage Unit	Т	E,H,T
	1200A	Containment Building/	В	E,C,H,R,T,PCBs
20		Container &	С	E,C,H,R,T,PCBs
		Tank Management Unit	Т	E,C,H,R,T,PCBs
	1400	Tank Management Unit	Т	E,C,H,T
	1700	Leachate Tank Storage Units	Т	E,C,H,T
	2000	Container Management Unit	Т	E,C,H,R,T,PCBs
25	2200	Container Storage Unit	С	I,E,C,H,R,T,PCBs
	Landfill	Landfill Units	L	E,C,H,T,PCBs
	PK-700	Parking Area		I,E,C,H,R,T,PCBs
	PK-1000	Parking Area		I,E,C,H,R,T,PCBs
		[End of Appen	dix G-11	

[End of Appendix G-1]

<sup>&</sup>lt;sup>1</sup> Within these units, the Facility manages most of the types of hazardous waste listed and identified in 40 CFR Part 261 and ADEM Administrative Code Chapter 335-14-2 as described in Section C of the RCRA Part B Permit Application. Additional information on the types and quantities of waste managed in these units is provided in Sections D-1, D-2, D-6, and D-9 of the Application.

<sup>&</sup>lt;sup>2</sup> Process types are: C - Container Management, T - Tank Management, B - Containment Building, and L- Landfill

<sup>&</sup>lt;sup>3</sup> Waste types are: (I) Ignitable Waste; (E) Toxicity Characteristic Waste; (C) Corrosive Waste; (H) Acute Hazardous Waste; (R) Reactive Waste; (T) Toxic Waste; and (PCBs) TSCA-Regulated Waste

# APPENDIX G-2 SECTION G

# LIST OF EMERGENCY COORDINATORS AND EMERGENCY COORDINATOR CORPORATE AUTHORITY

Revision No. 5.0

# APPENDIX G-2 SECTION G

# LIST OF EMERGENCY COORDINATORS

5	Name and Address	Office Phone Number	Home/Cell Number
10	**Mike Davis 3112 Greenwood Road York, AL 36925	(205) 652-8100	(205) 527-3374
10	**Rickey Burrell 3724  Panola Pkwy 34 Aliceville, AL 35442	(205) 652-8111	(205) 616-5923
15	**Kent Jones 3700 Panola Parkway Panola, AL 35442	(205) 652-8146	(205) 455-2809
20	**Demetrius Powe 3201 Hargrove Rd E #1109 Tuscaloosa, AL 35405	N/A	(205) 609-0437 (251) 272-0132
25	**Sarah Daniels 117 Sherwood Dr Laurens, SC 29360	(205) 652-8144	(864) 356-8853
	**Guy Coghlan 640 Highway 495 N Preston, MS 39354	(205) 652-8188	(601) 562-5777
30	**Danny Patrick 447 Grand Oak Dr Meridian, MS 39305	(205) 652-8195	(205) 513-2336
35	Bruce Dill 30627 AL Highway 17 Emelle, AL 35442	(205) 652-8136	(205) 499-1485
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	T.J. Pendergrass 502 Pretty Branch Road Cuba, AL 36907	(205) 652-8052	(205) 844-0303
5	Griffin Ricketson 315 County Road 13 Demopolis, AL 36732	(205) 652-8177	(850) 375-2226
10	Paul Howard 559 Millington Road Scooba, MS 39358	(205) 652-8059	(205) 499-6410
15	Bryan Walker 3250 County Road 60 Eutaw, AL 35462	(205) 652-8051	(205) 399-6044
20	Jody Clark 360 Springhill Road Meridian, MS 39301	(205) 652-8059	(205) 609-7642

20

\*\* - Denotes Primary Emergency Coordinators

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[End of Appendix G-2 Text]

#### CHEMICAL WASTE MANAGEMENT, INC.

#### SECRETARY'S CERTIFICATE

In accordance with 40 CFR §264.55, I, Courtney A. Tippy, the duly elected Secretary of Chemical Waste Management, Inc., a Delaware corporation (the "Corporation"), hereby certify that the following is a true and complete copy of a resolution of the Board of Directors of the Corporation duly adopted by written consent, which resolution has not been modified, amended, or rescinded and is in full force and effect.

RESOLVED, that the Corporation hereby grants to the individual(s) designated as "Emergency Coordinator" in the approved Contingency Plan for Chemical Waste Management, Inc. – Emelle Facility, to commit such of the Corporation's resources as are needed to carry out such Contingency Plan; and

RESOLVED FURTHER, that such individual(s) designated as "Emergency Coordinator" in such approved Contingency Plan be and hereby are authorized, directed, and empowered following compliance with appropriate corporate policies and procedures, to execute and deliver for and on behalf of the Corporation any and all such contracts, agreements, documents and memoranda to be necessary and appropriate to execute the herein authorized resolution.

Dated: February 18, 2015

retar Courtney A.

# **APPENDIX G-3**

# **SECTION G**

# INVENTORY OF HAZ-MAT TRAILER

Revision No. 5.0

# APPENDIX G-3 SECTION G

# **INVENTORY OF HAZ-MAT TRAILER**

5	A. Salvage Drum
	85-gallon drum
	55-gallon drum
	30-gallon drum
	Non-sparking shovel
10	Oil sorbent sock
	Acid sorbent sock
	B. Oil Spill Kit
	30-gallon drum
	Sorbent pads
15	Oil sorbent socks
	Oil sorbent pillows
	C. Acid Spill Kit
	30-gallon drum
	Sorbent pads
20	Acid socks
	Sorbent sock
	Square sorbent pillow
	D. Acid Shelf
	Bags of sorbent fiber
25	Sorbent Pads
	Acid sorbent socks
	Sorbent pillows

	E. Oil Shelf
	Sorbent pads
	Oil socks
	Sorbent pillow
5	Oil sorbent socks
	F. PPE/Tools
	Kappler Level B Suits XL
	Level A Suits (varying sizes)
	Level B Suits (varying sizes)
10	Poly-coated Tyvek (varying sizes)
	Tyvek (varying sizes)
	Sleeve guards
	Butyl gloves
	Face shields and brackets
15	Hard hat
	Pair of rubber boots (varying sizes)
	Rolls of duct tape
	Rolls of barrier tape
	Rain Suits (varying sizes)
20	Box of latex gloves
	Galoshes
	Push broom
	Non sparking shovels
	Half face respirators (varying sizes)
25	OVAG cartridges
	Pre-filters
	Filter retainers
	Antiseptic towelettes
	Silvershield gloves

Boot covers

Drum repair kits

SCBA's

5

[End of Appendix G-3]

# **APPENDIX G-4**

# **SECTION G**

# **EMERGENCY TELEPHONE NUMBERS**

Revision No. 5.0

## **APPENDIX G-4**

# **SECTION G**

## **EMERGENCY TELEPHONE NUMBERS**

5

	GENERAL	
	<sup>1</sup> ADEM (Montgomery, Alabama)	(334) 271-7700
	<sup>1</sup> ADEM Field Office (Birmingham, Alabama)	(205) 942-6168
	Chemtrec	(800) 424-9300
10	EPA Region IV	(404) 562-8700
	National Response Center	(800) 424-8802
	<sup>1</sup> Sumter County Emergency Management Agency	(205) 652-6347
	POLICE	
15	Alabama State Troopers	(334) 289-0102
	<sup>1</sup> Sumter County Sheriff Department	(205) 652-2841
	<sup>1</sup> Livingston Police	(205) 652-9525
	York Police	(205) 392-5261
	Greene County Sheriff Department	(205) 372-3242
20	Pickens County Sheriff Department	(205) 367-2000
	FIRE	
	<sup>1</sup> Livingston Fire	(205) 652-9525 or 652-9777
	York Fire (Volunteer)	(205) 392-5231
25		
	AMBULANCE	
	<sup>1</sup> Livingston Ambulance	(205) 652-9525 or 652-9777
	Greene County Ambulance	(205) 372-4934
	Metro Ambulance (Meridian)	(601) 483-2260
30	American Medical Response (Tuscaloosa)	(205) 759-4443 or 759-4444
	Northstar Paramedic Services (Tuscaloosa)	(205) 345-0911
	- Carrollton	(205) 367-1911
	Amstar Emergency Medical Services(York)	(205) 392-1100
	AirMedCare	(800) 793-0010

<sup>&</sup>lt;sup>1</sup> Provide an approved copy and subsequent updates of the Emergency Response Plan (Contingency Plan).

#### HOSPITALS

<sup>1</sup>Meridian (Rush)
 <sup>1</sup>Tuscaloosa (Druid City Hospital)
 Birmingham (University of Alabama, Birmingham)
 <sup>1</sup>York (Hill Hospital of Sumter County)
 Eutaw (Greene County)

(601) 703-9223 (205) 759-7111 (205) 934-5100 or 934-6500 (205) 392-5263 (205) 372-3388

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[End of Appendix G-4]

<sup>&</sup>lt;sup>1</sup> Provide an approved copy and subsequent updates of the Emergency Response Plan (Contingency Plan).

### **SECTION G**

### **EMERGENCY COORDINATOR CHECKLIST**

#### **SECTION G**

#### **EMERGENCY COORDINATOR CHECKLIST**

#### 5 ACTIVATION PHASE

\_\_\_\_\_ 1. Activate Emergency Response Plan.

a. Broadcast on Facility's radio "This is an Emergency. Implement the Emergency Response Plan. Standby for further instructions," or something similar.

- b. Expect the following Emergency Response Team to be ready for mobilization:
  - Fire Brigade;
  - Hazardous Materials Emergency Response Team; and
  - First Aid/Emergency Medical Team.
- 2. Evacuate all or part of the Facility (as appropriate), stop processes, and operations (as necessary).
- 20

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If off-site help is needed, notify state or local response agencies. (See Appendix G-4 for telephone numbers.)

#### **ASSESSMENT PHASE**

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- 4. Identify threat to human health and the environment from fire, explosion, spill or release. Use observation and/or records review to identify the:
  - Character
  - Exact Source
    - Amount
    - Area

#### **RESPONSE PHASE**

5	ŧ		en emergency response elements are manned and ready, the following cerns can be addressed:
		•	Isolate threat area.
		•	Perform chemical analysis (if needed).
		•	If a hazard threatens human health or the environment outside the Facility, skip to #6.
10		•	Deploy emergency response team elements as necessary.
	6	6. If th	e emergency threatens human health or the environment outside the Facility:
15		•	Notify Sumter County Emergency Management Agency at (205) 652-6347 or any county agency listed in Appendix G-4. Be prepared to advise county officials on the evacuation of the surrounding area.
		•	Notify the National Emergency Response Center at (800) 424-8802. Use format in Appendix G-6.
20		•	Notify ADEM (Montgomery) using the format in Appendix G-6 at (334) 271- 7700
	7	ens	perations stop because of an emergency response, when it is safe to do so, ure that the halted operations are monitored for leaks, pressure build up, gas eration or ruptures of equipment.
25	POST EMERGENCY PHASE		
30	8		vide for treating, storing, or disposing of recovered waste or any other ardous materials.
		NO <sup>-</sup> haza	TE: Unless it can be demonstrated that the recovered material is not a ardous waste, then it must be managed in accordance with 40 CFR 262, 263,

9. Ensure that no waste that may be incompatible is treated, stored, or disposed of until clean up is complete.

and 264 and ADEM Administrative Code Rule 335-14-3, 335-14-4, and 335-14-5.

- 10. Ensure that all emergency equipment is cleaned and fit for its intended use before operations are resumed.
- 5 \_\_\_\_\_ 11. Notify ADEM that the Facility is in compliance with Items 9 and 10 (see above) before operations are resumed in the affected area.
  - 12. Ensure that the time, date and details of the incident are noted in the operating record (the general format as provided in Appendix G-6 may be used in completing this report). Submit information to the Recordkeeping and Reporting Supervisor for placement in the Operating Record.
    - \_ 13. Within **15 days** of the incident, submit a written report to EPA Region IV Administrator and ADEM. Use the format in Appendix G-7.
    - 15. Hold a post response debriefing and critique. You may use the format in Appendix G-8 for a follow-up.
  - 16. If the Emergency Response Plan fails in any way, then the plan must be immediately amended. Contact the Environmental, Health and Safety Manager for proper procedures to amend the Plan.

[End of Appendix G-5]

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### **SECTION G**

### **TELEPHONE REPORT**

#### **SECTION G**

#### **TELEPHONE REPORT**

5	NOTE	This report must be made to the National Response Center and to ADEM if the emergency could threaten human health or the environment <b>outside</b> the Facility. This is a verbal report:		
	1.	Name and telephone number of the reporter:		
10				
15	2.	Name and address of the Facility: <u>Chemical Waste Management, Inc.</u> <u>36964 Alabama Highway 17 North</u> <u>Emelle, Alabama 35459</u>		
	3.	Time and type of incident (e.g., release, fire):		
20	4.	Name and quantity of material(s) involved, to the extent known:		
25	5.	The extent of injuries, if any:		
30	6.	The possible hazards to human health or the environment outside the Facility:		

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[End of Appendix G-6]

# APPENDIX G-7 SECTION G

### WRITTEN REPORT

#### **SECTION G**

#### WRITTEN REPORT

NOTE: This report must be submitted to ADEM within 15 days of the implementation of the Emergency Response Plan. The following information must be included:

10	1.	Name, address, and telephone number of the owner or operator: <u>Chemical Waste Management, Inc.</u> <u>36964 Alabama Highway 17 North</u> <u>Emelle, Alabama 35459</u> (205) 652-8130 (scale house)
15	2.	Name, address, and telephone number of the Facility: <u>Chemical Waste Management, Inc.</u> <u>36964 Alabama Highway 17 North</u> <u>Emelle, Alabama 35459</u> (205) 652-8130 (scale house)
20	3.	Date, Time and Type of Incident:
25	4.	Name and quantity of material(s) involved:
30	5.	Extent of injuries, if any:
	6.	An assessment of actual or potential hazards to human health and the environment:
35		

5

7. Estimated quantity and disposition of recovered material that resulted from the incident:

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[End of Appendix G-7]

### **SECTION G**

### **EMERGENCY RESPONSE CRITIQUE**

#### **SECTION G**

#### **EMERGENCY RESPONSE CRITIQUE**

 TO:
 Facility General Manager,

 5
 FROM:
 Emergency Coordinator,

DATE: \_\_\_\_\_

RE: CRITIQUE OF EMERGENCY RESPONSE OF\_\_\_\_\_

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The Facility implemented the Emergency Response Plan on the above date. The following critique is submitted:

I. Specifics and general areas that worked especially well:

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20 II. Specifics and areas that need improvement:

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III. Recommendations:

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[End of Appendix G-8]

AppendixG-8.docx

### **SECTION G**

### QUICK REFERENCE GUIDE

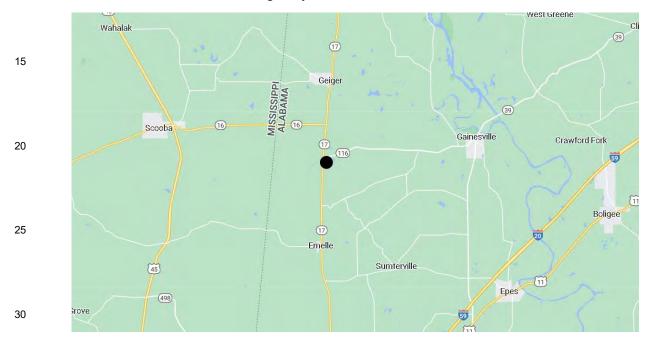
#### **SECTION G**

#### QUICK REFERENCE GUIDE

<sup>5</sup> This section provides a condensed overview of site operations, and a brief summary of information that is contained within the complete plan. Sections below are designed to provide initial information to site responders.

#### Site Location – See Figures G-1, G-2, G-3

Site Address: 36964 Alabama Highway 17 North; Emelle, AL 35459



#### Facility Map – See Figure G-1

<sup>35</sup> Due to the size of this facility, a site map cannot be effectively incorporated into this quick reference guide. Refer to Figure G-1 of this Application for building locations and access routes.

#### **Emergency Responders – See Appendix G-2**

Mike Davis – (205) 527-3374
 Rickey Burrell – (205) 616-5923
 Kent Jones – (205) 455-2809
 Demetrius Powe – (205) 609-0437
 Sarah Daniels – (864) 356-8853

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Additional names and contact information can be found in Appendix G-2 of this Application.

AppendixG-9.docx

#### Emergency Equipment – See Subsection G-4 of Section G and Figure G-4

- Fire Loop System (hydrants located in loop behind initial buildings encountered on site)
- Fire Truck, Water Wagon, Fire Extinguishers
- First Aid Kits
  - Emergency Transport Vehicle
  - Spill Containment Equipment (located in Emergency Response Trailer and throughout site)
- Heavy Equipment
- 10

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#### Site Notification Systems – See Subsection G-9 of Section G

- Two-way radios assigned to employees
- Telephones
- Emergency Alarms

#### Hazardous Waste Information – See Appendix G-1

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As this facility receives hazardous wastes, the type and volume of wastes are subject to constant variations. The wastes on site can be of multiple hazard classes and in varying quantity. Wastes can be of the following types:

- Ignitable Waste
  - Toxicity Characteristic Waste
  - Corrosive Waste
  - Acute Hazardous Waste
  - Reactive Waste
  - Toxic Waste
    - PCBs Waste

#### Treatment of Exposure – Subsection G-10 of Section G and below

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Exposures to hazardous materials are minimized through site operational practices, including the use of personal protective equipment and designated decontamination areas.

Information about stored materials can be obtained via Safety Data Sheets (SDSs) for raw
 materials, and a "profile" for wastes received. These documents provide details about the chemicals and hazards of materials on site.

Containers on site will have markings that indicate what SDS or profile is associated with the contents. This information will be provided in the event of employee/responder exposure.

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[End of Appendix G-9]