

**EAST CENTRAL FLORIDA  
LOCAL EMERGENCY PLANNING COMMITTEE**

**HAZARDOUS MATERIALS EMERGENCY  
RESPONSE PLAN**



2008 CURRENT REVISION

PREPARED BY:  
EAST CENTRAL FLORIDA REGIONAL PLANNING COUNCIL

**2008 Update**  
**DISTRICT SIX LEPC**  
**Local Emergency Planning Committee for Hazardous Materials**  
**Brevard, Lake, Orange, Osceola, Seminole, Volusia**

**Hazardous Materials Emergency Plan**

***VOLUME I: EMERGENCY PLAN***

	<i>PAGE</i>
RECORD OF REVISIONS	i
PLAN MAILING LIST	ii
DEFINITIONS	iii
ACRONYMS	vii
 <i>CHAPTER</i>	
1 PLAN OVERVIEW AND PURPOSE	1
2 EMERGENCY RESPONSE ORGANIZATIONS AND RESPONSIBILITIES	18
3 DIRECTION AND CONTROL	31
4 NOTIFICATION AND ACTIVATION	35
5 EMERGENCY COMMUNICATIONS	44
6 PUBLIC INFORMATION AND EDUCATION	50
7 EMERGENCY FACILITIES AND EQUIPMENT	62
8 ACCIDENT ASSESSMENT	70
9 EXPOSURE CONTROL FOR EMERGENCY WORKERS	73
10 PROTECTIVE ACTIONS	78
11 MEDICAL AND HEALTH SUPPORT	83
12 RECOVERY AND REENTRY	92
13 EXERCISE AND DRILLS	99

14	TRAINING	103
	Appendix A: List of Extremely Hazardous Substances	106
	Appendix B: Summary List of '302' Facilities in District Six	107

## List of Figures

	<i>PAGE</i>
FIGURE 1-1: LEPCs in Florida	14
FIGURE 1-2: Federal & State Organization for Hazardous Materials Planning	16
FIGURE 1-3: Population and Jurisdictions in East Central Florida	17
FIGURE 3-1: Example Executive Order	33
FIGURE 4-1: SARA / EPCRA Section 304 Reporting Form	42
FIGURE 4-2: Emergency Contact List	43
FIGURE 6-1: MEDIA RELEASE A: Alert-No Protective Action	53
FIGURE 6-2: MEDIA RELEASE B: In-Place Shelter Notice	54
FIGURE 6-3: MEDIA RELEASE C: Evacuation Preparation	55
FIGURE 6-4: MEDIA RELEASE D: Evacuation Notice	56
FIGURE 6-5: MEDIA RELEASE E: Evacuation Follow-Up	57
FIGURE 6-6: MEDIA RELEASE F: All Clear	58
FIGURE 6-7: MEDIA RELEASE G: School Evacuation	59
FIGURE 7-1: Guidelines for Calling CHEMTREC	69
FIGURE 9-1: Hazardous Materials Exposure Form	77
FIGURE 11-1: Hospitals and Ambulance Service (ALS) by County	86
FIGURE 14-1: Training for Emergency Personnel	105

## List of Tables

Table 1-1	CEMP ESF #10 – Hazardous Materials	11
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RECORD OF REVISIONS: PLAN COPY NUMBER

<b>Revision Number</b>	<b>Date of Revision</b>	<b>Date Entered</b>	<b>Individual Responsible for Revision</b>	
1	06.13.08	06.13.08	April Raulerson	Hazards Analysis Summary revision for Brevard County Incorporated
2	06.13.08	06.13.08	April Raulerson	Hazards Analysis Summary revision for Lake County Incorporated
3	06.13.08	06.13.08	April Raulerson	Hazards Analysis Summary revision for Orange County Incorporated
4	06.13.08	06.13.08	April Raulerson	Hazards Analysis Summary revision for Osceola County Incorporated
5	06.13.08	06.13.07	April Raulerson	Hazards Analysis Summary revision for Seminole County Incorporated
6	06.13.08	06.13.08	April Raulerson	Hazards Analysis Summary revision for Volusia County Incorporated
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8	06.17.08	06.17.08	April Raulerson	Chapter 1: Chapter 1 - Plan Overview and Purpose
9	06.18.08	06.18.08	April Raulerson	Plan Mailing List
10	06.18.08	06.18.08	April Raulerson	LEPC Directory Update Table 1-1 page 14 – 15
11	06.18.08	06.18.08	April Raulerson	Cover – to reflect current year
12	06.18.08	06.18.08	April Raulerson	Chapter 14: Training – 14.4 HMEP
13	06.18.08	06.18.08	April Raulerson	Figure 1.3 - Population and Jurisdictions in East Central Florida
14	06.19.08	06.19.08	April Raulerson	Chapter 6: 6.4 – Public Education
15				
16				

## Plan Mailing List

Each year, the LEPC staff contact must submit the LEPC Hazardous Materials Emergency Plan Update to the Florida Department of Community Affairs and the LEPC Chair. In addition, copies should be mailed to the county emergency management directors listed below.

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**Osceola** County Emergency Management Director  
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Kissimmee, FL 34741

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**Seminole** County Emergency Management  
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Sanford, FL 32773-6179

Mr. Charlie Craig  
**Volusia** County Emergency Management Director  
49 Keyton Dr.  
Daytona Beach, FL 32124-1069

## DEFINITIONS

### *Acute*

Severe but of short duration. Acute health effects are those that occur immediately after exposure to hazardous chemicals.

### *Ambient*

Surrounding. Ambient temperatures are temperatures of the surrounding area (e.g., air or water).

### *Disposal*

The removal of waste material to a site or facility that is specifically designed and permitted to receive such wastes.

### *Drill*

A supervised instruction period aimed at developing, testing and monitoring technical skills necessary to perform emergency response operations.

### *Exercise*

A simulated accident or release set up to test emergency response methods and for use as a training tool.

### *Extremely Hazardous Substances (EHS)*

A list of chemicals identified by EPA on the basis of toxicity, and listed under Title III of SARA.

### *Facility*

Defined for Section 302 of Title III of SARA as all buildings, equipment, structures and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (or by any person which controls, is controlled by, or under common control with, such person). For purposes of emergency release notification, the term includes motor vehicles, rolling stock and aircraft.

### *Facility Emergency Coordinator*

Facility representative for each facility with an extremely hazardous substance (EHS) in a quantity exceeding its threshold planning quantity (TPQ) who participates in the emergency planning process.

### *Full Emergency Condition*

An incident involving a severe hazard or large area which poses an extreme threat to life and/or property and will probably require a large scale evacuation, or an incident requiring the expertise or resources of county, state, federal or private agencies.

*Hazardous Material*

Any substance or material in a quantity or form which may be harmful to humans, animals, crops, water systems, or other elements of the environment if accidentally released. Hazardous materials include explosives, gases (Compressed, liquefied or dissolved), flammable solids or substances, oxidizing substances, poisonous or infectious substances, radioactive materials and corrosives.

*Immediately Dangerous to Life and Health (IDLH)*

The maximum level to which a healthy worker can be exposed for 30 minutes and escape without suffering irreversible health effects or escape-impairing symptoms.

*Incident Commander*

The pre-designated local, state or federal official responsible for the coordination of a hazardous materials response action, as outlined in the pertinent emergency response plan.

*Level of Concern (LOC)*

A threshold value of a hazard, the LOC is usually the value above which a threat to people or property may exist.

*Limited Emergency Condition*

An incident involving a greater hazard or larger area which poses a potential threat to life and/or property and which may require a limited evacuation of the surrounding area.

*Local Emergency Planning Committee (LEPC)*

A committee appointed by the State Emergency Response Commission (SERC), as required by Title III of SARA, to formulate a comprehensive emergency plan for its district.

*Material Safety Data Sheet (MSDS)*

A compilation of information required under the OSHA Hazard Communication Standard on the identity of hazardous chemicals, health and physical hazards, exposure limits, and precautions. Section 311 of Title III of SARA required facilities to submit MSDSs under certain conditions.

*National Response Center (NRC)*

A communications center for activities related to response actions; it is located at Coast Guard Headquarters in Washington, DC. The NRC provides facilities for the National Response Team to use in coordinating a national response action when required and can be reached 24 hours a day for reporting actual or potential pollution incidents.

*Permissible Exposure Limit (PEL)*

Established by OSHA, the PEL may be expressed as a time-weighted average (TWA) or as a ceiling exposure limit that must never be exceeded instantaneously, even if the TWA exposure is not violated. The OSHA PELs have the force of law.

#### *Potential Emergency Condition*

An incident or threat of a release which can be controlled by the first response agencies and does not require evacuation of other than the involved structure or the immediate outdoor area. The incident is confined to a small area and does not pose an immediate threat to life or property.

#### *Radius of the Vulnerable Zone*

The maximum distance from the point of release of a hazardous substance at which the airborne concentration could reach the level of concern (LOC) under specified weather conditions.

#### *Release*

Any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment (including the abandonment or discarding of barrels, containers and other closed receptacles) of any hazardous chemical, extremely hazardous substance, or toxic chemical.

#### *Recommended Exposure Limit (REL)*

The NIOSH REL is the highest allowable airborne concentration that is not expected to injure a worker. It may be expressed as a time-weighted average (TWA), usually for 8-hour work shifts.

#### *Remedial Actions*

Actions consistent with a permanent remedy which are necessary to prevent or minimize the release of hazardous materials so that they do not spread or cause substantial danger to public health and safety, or to the environment.

#### *Reportable Quantity (RQ)*

The quantity of a hazardous substance that triggers reporting under CERCLA; if a substance is released in a quantity that exceeds its RQ, the release must be reported to the National Response Center (NRC), as well as to the State Emergency Response Commission (SERC) and the community emergency coordinator for areas likely to be affected by the release.

#### *State Emergency Response Commission (SERC)*

Commission appointed by each state governor according to the requirements of Title III of SARA; duties of the commission include designating emergency planning districts, appointing Local Emergency Planning Committees (LEPCs), supervising and coordinating the activities of planning committees, reviewing emergency plans, receiving chemical release notifications, and establishing procedures for receiving and processing requests from the public for information.

*Threshold Planning Quantity (TPQ)*

A quantity designated for each chemical on the list of extremely hazardous substances (EHSs) that triggers notification by facilities of the State Emergency Response Commission (SERC) that such facilities are subject to emergency planning under Title III of SARA.

*Vulnerable Zone (VZ)*

An area over which the airborne concentration of a chemical involved in an accidental release could reach the level of concern (LOC).

## ACRONYMS

AFFF	Aqueous Film Forming Foam	
ATSDR	Agency for Toxic Substance and Disease Registry	
BCC	Board of County Commissioners	
CAMEO	Computer-Aided Management of Emergency Operations	
CAP	Civil Air Patrol	
CAS	Chemical Abstract Service	
CB	Citizens Band	
CEC	Community Emergency Coordinator	
*	Ceil	Ceiling
CEMP	Comprehensive Emergency Management Plan	
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act	
CFR	Code of Federal Regulations	
CHEMTREC	Chemical Transportation Emergency Center	
CHRIS	Chemical Hazard Response Information System	
CPE	Chlorinated Polyethylene	
CPG	Citizens Protection Guide	
DEM	Florida Division of Emergency Management	
DER	Florida Department of Environmental Regulation	
DHHS	U.S. Department of Health and Human Services	
DHRS	Department of Health and Rehabilitative Services	
DNR	Florida Department of Natural Resources	
DOT	(U.S. or Florida) Department of Transportation	
EBS	Emergency Broadcast System	
ECO	Emergency Coordinating Officer	
*	EEGL	Emergency Exposure Guidance Level
EHS	Extremely Hazardous Substance	
EMS	Emergency Medical Services	
EOC	Emergency Operations Center	
EPA	U.S. Environmental Protection Agency	
EPCRA	Emergency Planning & Community Right-To-Know Act	
EPI	Emergency Public Information	
ESF	Emergency Support Function	
FEMA	Federal Emergency Management Agency	
GAR	Governor's Authorized Representative	
HA	Hazards Analysis	
HAZWOPER	Hazardous Waste Operations	
HEAR	Hospital/Emergency Ambulance Radio	
HM	Hazardous Materials	
HMRT	Hazardous Materials Response Team	
IDLH	Immediately Dangerous to Life and Health	
LEPC	Local Emergency Planning Committee	

	LOC	Level of Concern
*	mg/m	Milligrams per Meter Cubed
	MHz	Megahertz
	MSA	Metropolitan Statistical Area
	MSA	Mine Safety Administration
	MSDS	Material Safety Data Sheet
	NAWAS	National Warning System
	NFPA	National Fire Protection Association
	NIOSH	National Institute for Occupational Safety and Health
	NOAA	National Oceanic and Atmospheric Administration
	NRC	National Response Center
	NRT-1	Hazardous Materials Emergency Planning Guide, National Response Team
	OHM-TADS	Oil and Hazardous Materials Technical Assistance Data Systems
	OSHA	Occupational Safety and Health Administration
	PCB	Polychlorinated Biphenyl
	PEL	Permissible Exposure Limit
	PIO	Public Information Officer
*	ppm	Parts per Million
	PVC	Polyvinyl Chloride
	RACES	Radio Amateur Civil Emergency Services
	REL	Recommended Exposure Limit
	RPC	Regional Planning Council
	RQ	Reportable Quantity - accidental releases, Section 304
	RRT	Regional Response Team
	SARA	Superfund Amendments and Reauthorization Act
	SEOC	State Emergency Operations Center
	SERC	State Emergency Response Commission
*	SPEGL	Short-Term Public Emergency Guidance Level
*	STEL	Short-Term Exposure Limit
*	TLV	Threshold Limit Value
	TOMES	Toxicology Occupational Medicine and Environmental Series
	TPQ	Threshold Planning Quantity - for Tier II Reporting
*	TWA	Time Weighted Average (Usually 8 Hours)
	USCG	United States Coast Guard
	VOC	Volatile Organic Compound
	VZ	Vulnerable Zone

\* Toxicity Guidelines for Extremely Hazardous Substances

## Chapter 1 PLAN OVERVIEW AND PURPOSE

### 1.1 RESPONSIBILITY FOR THE PLANNING EFFORT

- 1986 Congress passed the SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA), TITLE III, Emergency Planning, and Community Right-To-Know Act (EPCRA).
- 1988 Florida passed enabling legislation: Hazardous Materials Emergency Response and Community Right-To-Know Act.
- 1989 LEPCs established, staffed by Florida's eleven Regional Planning Councils.
- 1989 First Reporting Year for EPCRA facilities.
- 1995 Seventh Reporting Year for EPCRA facilities.

The District VI Local Emergency Planning Committee for Hazardous Materials (LEPC) Plan (LEPC Plan) consists of planning and preparedness information from the perspective of public sector emergency response, and an overview of '302' facilities in six counties that are subject to the requirements of SARA/EPCRA. These facilities report Extremely Hazardous Substances (EHS). In 1995, District VI had 675 '302' facilities (County Hazards Analysis 1996 Updates). In 1997, the district had 739 such facilities (1997 SERC Annual Report). For 1997, the total number of reporting facilities for EPCRA Sections '311' and '312' was 2,235 (1997 SERC Annual Report). For a summary list of '302 facilities' in District VI, refer to APPENDIX B (Notebook II). The planning effort is concentrated on the '302' facilities.

The LEPC Plan is derived from the Hazardous Materials Emergency Response Plans that are prepared by the District VI counties: Brevard, Lake, Orange, Osceola, Seminole, and Volusia. Additional material regarding regional response matters is also included in the LEPC Plan. ***The LEPC Plan is a planning document, not an operations document.*** Florida's counties emergency response plans are currently coordinated with the State emergency response plan assembled by the Division of Emergency Management. The new format is an "all hazards" comprehensive emergency management plan (CEMP) which includes "Emergency Support Functions" (ESF). ESF #10 is Hazardous Materials. An overview of ESF #10 is included in this chapter.

Like the county plans, the LEPC Plan is based upon guidance criteria from the National Response Team (HM Emergency Planning Guide/NRT- 1) and the State Emergency Response Commission for HM (Chapter 9G-7, Florida Administrative Code). The document is based upon planning assumptions and HM resources and capabilities within each county, which are subject to change.

## *THE ROLE OF THE EAST CENTRAL FLORIDA REGIONAL PLANNING COUNCIL, STAFF TO THE LEPC*

The Florida Department of Community Affairs (FDCA) contracts with the East Central Florida Regional Planning Council to provide staff support for the LEPC. Staff support includes managing the activities of the Committee, working with the Chairperson to provide guidance and administrative assistance, giving community presentations, coordinating a biennial exercise, updating the LEPC Plan annually, functioning as a point of contact for public education and inquiries, maintaining facility records, implementing projects funded by hazardous materials (HM) grant funds, and related tasks.

## *ROLE OF THE COUNTIES IN HAZARDOUS MATERIALS EMERGENCY PLANNING AND RESPONSE*

The Director of each County Division of Emergency Management/Public Safety has overall responsibility for the development of the county plan and response operations in the event of a Hazardous Materials emergency. Incidents could range from a minor emergency with no off-site effects to a major emergency that may result in an off-site impact of hazardous/toxic materials, and multi-jurisdictional response. The county plans identify various parameters, which are based upon knowledge of the possible consequences, timing, and release characteristics of Hazardous Materials emergencies. County operations documents establish the appropriate response for specific Hazardous Materials emergencies.

The overall objective of Hazardous Materials planning is to minimize exposure to emergencies that could produce offsite levels of contamination in excess of levels of concern (LOCs) that are established by the Environmental Protection Agency. Minimizing this exposure will reduce the consequences of an emergency to persons in the vulnerable zone (VZ) around facilities that store, use, or produce HM. County emergency management HM coordinators in conjunction conduct facility-specific planning with facility representatives. Hazard analysis updates for all '302' facilities are conducted every two years. (The most current update was completed in early 2007.)

### **1.2 EMERGENCY PLANNING BASES: East Central Florida Region**

#### Metropolitan Statistical Areas (MSA)

East Central Florida includes three Metropolitan Statistical Areas (MSA) designated by the United States Bureau of the Census. The largest of these is the Orlando MSA, which extends from Orange County to Seminole County in the north, Osceola County to the south and Lake County to the west. The City of Orlando forms the central city; however, many other significant urban areas occur in this MSA.

The Melbourne-Titusville-Palm Bay MSA is the second largest MSA and includes all of Brevard County. Brevard County is home to Cocoa Beach, Kennedy Space Center, and the Space Shuttle Program.

The third largest MSA is the Daytona Beach MSA that includes Volusia and Flagler counties. Flagler County, however, is not part of the East Central Florida region (municipalities: Daytona Beach, Port Orange, Ormond Beach, and New Smyrna Beach).

### Jurisdictions/Regulatory Agencies

Within the East Central Florida region there are six counties, sixty-seven municipalities, six school districts, three Metropolitan Planning Organizations, three Economic Development Commissions, three Water Management Districts, three state Health and Rehabilitation Services districts, two state crop reporting districts, four state park districts, three United States Army Corps of Engineers districts, four private industry councils, and numerous special districts (see Figure 1-1).

### Population

East Central Florida's population is as diverse as its natural resources. In-migration to the region accounts for approximately 80% of East Central Florida's population growth. The region currently has a population of approximately 2.4 million people. Brevard, Volusia, Seminole, Lake, and Osceola succeed Orange the most populated county. All counties are expected to continue showing increases in population.

### Special Populations

The winter and summer tourist seasons are when traffic is the heaviest along the roads of East Central Florida. This period is impacted by visitors from around the world. Winter residents also make up another portion of the population. These are individuals who live in other parts of the Country except during the winter. Each winter, they move to East Central Florida. They own a home here or have some long-term rental arrangement. Their stay will generally be from one to five months. For them, East Central Florida is their second home.

### Sensitive Institutions

The East Central Florida Region has a number of sensitive institutions. These are public and private institutions that are critical to the needs and survival of some citizens. Each institution has their own plan for how to function during and after a Hazardous Materials Emergency.

## Public Transportation

### Brevard County

Interstate 95 and US Hwy 1 are the main north/south routes through the county. The barrier islands and beach communities are served by the Beach Line/Indian River Lagoon Scenic Hwy (SR 528) which connects Orlando to Cape Canaveral, State Roads 520, 404, and 518 and US Hwy 192 in Melbourne. These bridges could critically impact evacuation and emergency response time.

The Intracoastal Waterway provides for passage of vessels of less than 12 foot draft, and runs north and south the full length of the county. The ports off of the Brevard County coast also handle hazardous materials.

### Lake County

U.S. Hwy 27 is the main north/south transportation route through Lake County. U.S. 27 traverses the entire peninsula of Florida and connects cities such as Tallahassee, Sebring, Clewiston, and Miami, and intersects, from north to south, major highways I-75, the Florida Turnpike, I-4, and I-95. Towards the central portion of the county Florida's Turnpike and SR 50 make east/west transportation routes. Further to the north US Hwy 441 makes an additional east/west transportation route until it ends into US Hwy 27.

### Orange County

Orange County is the most populated county in the district with over 1 million people. The primary transportation route is Interstate 4, which is at minimum six lanes. Orange County has a number of other major highways and roadways; these also include toll roads as well. SR 417(toll) runs parallel to I4 to the east. SR 429(toll) runs parallel to I4 to the west. State Roads 408(toll) and 528(toll) are east/west transportation routes. State Road 50 is also a major east/west corridor that spans the entire width of Orange County.

Large volumes of hazardous materials are transported through Orange County both by highway. The population in the vicinity of transportation routes would be especially vulnerable to the harmful effects of a hazardous materials release should there be an accident. The County has a number of facilities which produce, store, or use hazardous materials and substances.

## Osceola County

Interstate 4 bisects a very small section in the western tip of Osceola County between Polk and Orange Counties. The primary roads penetrating the County are: Florida's Turnpike (north-south) and US Hwy 192 (north-south).

Hazardous materials are transported through the County daily. There are a number of facilities in the county which routinely use, produce or store hazardous materials and substances.

## Seminole County

Interstate 4, SR 417(toll), and US Hwy 17/92 are the primary north-south access highways. These roads provide access to Seminole County from Orlando to the south and Deland and Daytona Beach to the north. Other major highways providing access into Seminole County are State Roads 46, 414, 419, 434, and 436.

Hazardous materials are transported through Seminole County daily on the major roadways. There are a number of facilities in the county which routinely use, produce or store hazardous materials and substances.

## Volusia County

The Intracoastal Waterway provides for passage of vessels of less than 12 foot draft, and runs north and south the full length of the county, dividing the beach area from the mainland. The beach area is served by causeway connections.

Interstate 95 carries the majority of north/south through traffic. It is also well traveled by commercial and private vehicles. Interstate 4 also traverses the county and connects with I95 in the Daytona Beach area. US Hwy 1 also runs north/south on the mainland while A1A runs north/south on the barrier islands. The County also has two east/west roads, which are State Roads 40 and 44.

There are also a number of bridges that connect the mainland with the barrier islands of Volusia County. These bridges could critically impact evacuation and emergency response time.

## Economic - Employment Base

East Central Florida's economic/employment base can be found in such industries as tourism, retail trade, services, manufacturing, and agriculture.

*Tourism* - Tourism is the number one revenue generating industry in East Central Florida. Major theme park attractions include: Walt Disney World's Magic Kingdom; EPCOT Center; Disney-MGM Studio; the Disney Institute, Animal Kingdom Park; Sea World; Universal Studios; Islands of Adventure; Kennedy Space Center; and the Daytona International Speedway. The region also has a large number of secondary attractions. Its beaches also draw tourists to the region. Lake County's lakes and campgrounds provide a more relaxed atmosphere for vacationers who want to enjoy natural beauty, warm weather, and good fishing.

The convention segment of the tourism industry is important to the region. The Orange County Convention Center recently completed a major expansion. Resort hotels also provide a large amount of convention space. With more than 100,000 hotel and motel rooms available in the region, convention delegates as well as vacationers can be accommodated easily. Orlando already ranks as the 16th largest convention market in the nation and is expected to move up further as more facilities are available for convention delegates. Daytona Beach's Ocean Center facility handles convention business in the coastal area.

*Services, Retail and Wholesale Trade*- More than half the jobs in the region are in the Services, Retail, and Wholesale Trade domain. The tourism and convention segment of the economy accounts for many of the services and retail jobs via theme parks, hotels, gift shops, and restaurants. Finance, real estate, business, and professional services also provide many jobs in the region. Distribution and warehouse facilities are concentrated in Orange County where Interstate 4, the BeeLine Expressway, Florida's Turnpike and US 441 all provide good highway access. Each of the other counties has important wholesale trade facilities located within their jurisdiction.

*Manufacturing* - Manufacturing employs approximately 881,955 people region-wide. Orange County's manufacturing is concentrated in the southern part of the county and near the University of Central Florida. Major employers include Lockheed Martin, AT&T Technology Systems, and Westinghouse. Major manufacturers in Seminole County include Siemens Stromberg-Carlson and Mobilite Corporation. Brevard County's manufacturing extends the length of the county along the Indian River. The Kennedy Space Center area attracts manufacturing firms, which provide equipment and services to NASA, such as Harris, Lockheed, McDonnell Douglas, RCA, and Grumman. Volusia County's, boat manufacturer, Boston Whaler, and plastic's manufacturer Apogee Plastics Technology, Inc. play an important part in the county's economic stability.

*Agriculture* - Agriculture includes citrus, vegetables, sod, foliage, livestock, and dairy production. The citrus industry was severely damaged by three major freezes in 1983, 1985, and 1989, predominately in Lake and Orange counties. Vegetables are grown on the rich muck lands north of Lake Apopka in Orange County, south of Lake Monroe in Seminole County, and in Lake County's Emerald Island Marsh. Sod and foliage are major products of the Lake Apopka area along with portions of Lake and Volusia counties. Cattle ranches occupy almost all of the rural land in Osceola County and portions of Brevard County.

*Other* - Other industry and employment sectors provide significantly to a stable economy. These include construction, transportation, communication and utilities, finance, insurance, government and real estate. Military employment is now primarily concentrated at Patrick Air Force Base in Brevard County. The Orlando Naval Training Center, at one time a major employer of military and civilian employees, has closed due to cutbacks in federal funding for military facilities.

## Geography and Climate

The region is subtropical with two definite seasons: long, hot, humid summers and short, mild, dry winters with brief freeze warnings. Rainfall amounts vary both seasonally and from one year to the next creating flooding and drought. Average rainfall is 51 inches; monthly high occurs in July; low in April. Tropical storms and hurricanes occasionally strike the region producing large amounts of rainfall and high winds.

The region has distinct topography ranging from the Atlantic coast lowlands of Brevard and Volusia counties through the valley to the east dominated by Orange, Osceola, and Seminole counties to the highlands of Lake County. These districts and their integral areas provide a variety of habitats for the regions diverse varieties of plants and animal species.

The region contains '*effective recharge areas*' located primarily in the upland portions of Lake, Orange, Seminole, Osceola, and Volusia counties. Rainfall quickly percolates through the soils into the aquifers below. In the most effective recharge areas, approximately 15 inches of rainfall enters the Floridian Aquifer each year - almost 30% of total rainfall. The aquifers are extremely important to the region because they supply nearly all of the potable water supply. Groundwater, in the coastal areas, is threatened by saltwater intrusion into the freshwater aquifers.

The region has a large number of conservation and wildlife management areas: Ocala National Forest, Canaveral National Seashore, four aquatic preserves, four state preserves, two wildlife refuges, and five wildlife management areas in addition to state and local parks. The region also contains twenty-four designated Outstanding Florida Waters (including the Wekiva River, the Butler Chain of Lakes, and the Clermont Chain of Lakes), and an Area of Critical State Concern (the

Green Swamp). East Central Florida's natural diversity requires an extensive network of conservation land to protect all of its ecosystems.

No specific emergency sequence can be isolated as the model for which to plan because each emergency could have different consequences, both in nature and degree. The different atmospheric variables present at any one time can lead to a different response. Computer modeling programs such as CAMEO $fm$ , Aloha, and Marplot aid responders in determining threatened areas when a HazMat emergency occurs. As an alternative to defining a specific emergency, the plan identifies various parameters for planning which are based upon knowledge of the possible consequences, timing and release characteristics of a spectrum of emergencies.

### **Emergency Planning Bases for Counties**

Please refer to the County Plans for a specific description of each county's Emergency Planning Bases.

### **1.3 HAZARDS ANALYSIS: Sector 302 Facilities**

#### **Extremely Hazardous Substances, Section 302, SARA/EPCRA**

HazMat Coordinators in each District VI county conduct site-specific hazard analyses for airborne releases of extremely hazardous substances (EHSs) as required by SARA/EPCRA. The Hazards Analysis serves as the basis for developing and revising the emergency response plans. This activity is funded by the State of Florida HM Trust Fund.

The Hazards Analysis considers all potential acute health hazards and identifies which hazards are of high priority and should be addressed in the emergency response planning process. Updates to the Hazards Analysis component of the county plans are conducted as additional existing facilities come into compliance and as new facilities come on line. The hazards analysis for the counties in East Central Florida consists of the following three components: *Hazards Identification*, *Vulnerability Analysis*, *Risk Analysis*. CAMEO DOS and CHEMDATA software programs are utilized to conduct the analysis.

LEPC APPENDIX A: List of Extremely Hazardous Substances (EHSs) and Data for the Hazard Analysis (refer to county plans)

LEPC APPENDIX B: Summary List of '302' facilities in District Six

#### COUNTY PLANS:

For Hazards Analysis Summary for 'Section 302' facilities refer to county plans.

*Hazards Identification* - provides specific information on situations that have the potential for causing injury to life or damage to property.

A hazard identification includes information about:

- chemical identities;
- the location of facilities that use, produce, process or store HM;
- the type and design of chemical container or vessel;
- the quantity of material that could be involved in an airborne release;
  - the nature of the hazard (e.g. airborne toxic vapors or mists which are the primary focus of this guide);
  - also other hazards such as fire, explosion, large quantities stored or processed, handling conditions) most likely to accompany HM spills or releases.

Vulnerability Analysis - identifies areas in the community that may be affected or exposed, individuals in the community who may be subject to injury or death from certain specific HM, and what facilities, property, or environment may be susceptible to damage should a HM release occur. A comprehensive vulnerability analysis provides information on:

- the extent of the vulnerable zones (i.e., an estimation of the area that may be affected in a significant way as a result of a spill or release of a known quantity of a specific chemical under defined conditions);
- the population, in terms of numbers, density, and types of individuals that could be within a vulnerable zone;
  - the private and public property that may be damaged, including essential support systems and transportation facilities and corridors;
  - the environment that may be affected, and the impact of a release on sensitive natural areas and endangered species.

Risk Analysis - is an assessment by the community of the likelihood of an accidental release of a hazardous material and the actual consequences that might occur, based on the estimated vulnerable zones. The risk analysis is a judgment of probability and severity of consequences based on the history of previous incidents, local experience, and the best available current technological information. It provides an estimation of:

- the probability of an accidental release based on the history of current conditions and controls at the facility, consideration of any unusual environmental conditions, or the possibility of simultaneous emergency incidents;
- severity of consequences of human injury that may occur, the number of possible injuries and deaths, and the associated high-risk groups;
- severity of consequences of damage to property;
- severity of consequences of damage to the environment.

#### **1.4 PLANNING ASSUMPTIONS**

- Extremely hazardous substances present in quantities above their threshold planning quantities are reported annually by March 1 to the State of Florida and the Local Emergency Planning Committee.

- The chemical facility owners and operators will notify state and local governments of an emergency in sufficient time to implement warning and protective actions.
- The facility owners and operators will participate in the EPCRA reporting program, which provides funding to state and local governments to support compliance with HM emergency preparedness requirements.
- Estimates of vulnerable zones are based upon the following credible "worst case" assumptions:
  - Quantity released: maximum quantity that could be released from largest vessel or interconnected vessels.
  - Rate of release to air: total quantity of gas, solid as a powder, or solid in solution is assumed to be released in 10 minutes; for liquids and molten solids, the rate is based on the rate of evaporation (rate of volatilization).
  - Temperature: not applicable to gases or solids as powders or in solution; for liquids, dependent on whether they are used at ambient temperature or near their boiling points; for molten solids, at their melting point.
  - Meteorological conditions: wind speed of 1.5 meters per second (3.4 miles per hour); F atmospheric stability.
  - Topographic conditions: flat, level, unobstructed terrain; use of the dispersion model for rural areas.
  - Level of concern: one-tenth of the National Institute for Occupational Safety and Health's "Immediately Dangerous to Life and Health" level.

## **1.5 SUPPORTING PLANS**

The following federal, state, local and facility emergency plans are available to support the implementation of the LEPC and County HM Emergency Plans:

State Comprehensive Emergency Management Plan  
 Florida Coastal Pollutant Spill Plan  
 Florida Mutual Aid Plan  
 National Oil and Hazardous Substances Pollution Contingency Plan

## **1.6 CEMP ESF #10 - Hazardous Materials**

As an interim measure, Table 1-1 below shows the components of the CEMP ESF #10 and related or corresponding information contained within the LEPC Plan.

**TABLE 1-1  
CEMP ESF #10 – Hazardous Materials**

<b>ESF #10</b>	<b>LEPC Plan</b>
<b>PRIMARY AGENCY</b> County Fire Rescue & Public Safety <b>SUPPORT AGENCIES (examples)</b> Municipal Fire Depts., County Emergency Mgt., Hospital Emergency Depts., County Natural Resources, County Code Enforcement, County Health, County Agricultural Ext. Svcs., County Solid Waste, Private Cleanup Contractors	Chapter 2
<b>INTRODUCTION</b> Purpose, Scope	Chapter 1
<b>2.0 POLICIES</b> Authorities, Assignment of Responsibilities, Response requirements, Resource Coordination, Recovery Operations, Operating Facilities, Coordination of Actions	Chapter 3, 12
<b>3.0 SITUATION</b> Disaster Conditions, Short Term Recovery Phase, Long Term Recovery Phase, Planning Assumptions	Chapters: 3, 4, 5, 8, 10, 11 Chapter 1 - Assumptions
<b>4.0 CONCEPT OF OPERATIONS</b> General, Recovery Operations Center, ESF Organization, Notification, Mobilization	
<b>5.0 RESPONSE ACTIONS</b> Humanitarian Relief Phase, Short Term Recovery Phase, Long Term Recovery Phase	Chapter 12
<b>6.0 RESPONSIBILITIES</b> Primary Agency, Support Agencies	Chapters 2, 3
<b>7.0 RESOURCES</b> Recovery Operations Center, other RO, other Equipment	Chapter 7
<b>8.0 TERMS AND DEFINITIONS</b>	Definitions
<b>APPENDIX 'A' - EMERGENCY DECONTAMINATION PROCEDURES</b>	Chapter 11

NOTE: LEPC Chapters that appear to be unrelated to ESF #10: Chapters 6, 9, 13, 14.

## 1.7 AUTHORITIES

### Legislation and Regulations

1. Emergency Planning and Community Right-To-Know Act of 1986, Title III of the Superfund Amendments and Reauthorization Act of 1986.
2. State Emergency Management Act, Chapter 252, Part 2, Florida Statutes.
3. Comprehensive Environmental Response, Compensation, and Liability Act.
4. Executive Order 80-29, "Disaster Preparedness"  
Brevard County Board of County Commissioners  
Lake County Board of County Commissioners  
Orange County Board of County Commissioners  
Osceola County Board of County Commissioners  
Seminole County Board of County Commissioners  
Volusia County Board of County Commissioners

### Mutual Aid Agreements

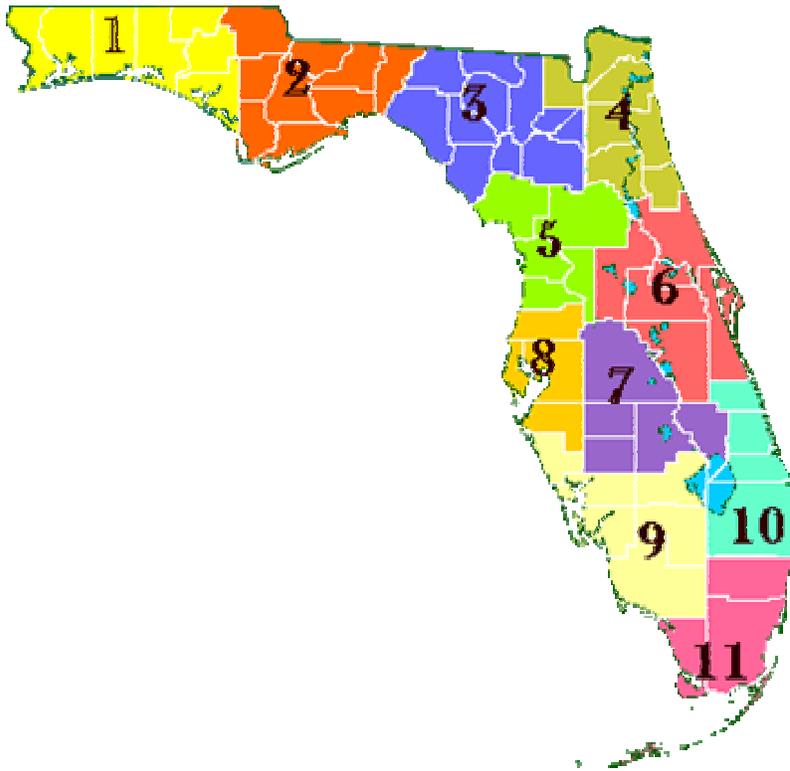
County Mutual Aid Agreements include, but are not limited to: conditions, rules and standards governing any mutual aid; provisions or immunity from liability, waiver of claims and indemnification from third party claims; notification of persons authorized to request or invoke mutual aid; compensation consideration; and procedures for the direction and control of personnel and units rendering aid.

## 1.8 GENERAL AND TECHNICAL REFERENCES

1. Guide for All-Hazard Emergency Operations Planning, State, and Local Guide (SLG) 101, Federal Emergency Management Agency, September 1996.
2. HM Emergency Planning Guide (NRT- 1), National Response Team.
3. Community Teamwork, U.S. Department of Transportation.
4. Community Awareness and Emergency Response Program Handbook, Chemical Manufacturers Association.
5. Site Emergency Response Planning, Chemical Manufacturers Association.
6. Community Emergency Response Exercise Program, Chemical Manufacturers Association.
7. CHRIS: Manual I, A condensed Guide to Chemical Hazards, Washington, D.C.: U.S. Coast Guard, USCG Publication N.16465.11A, 1985.

8. CHRIS: Manual II, Hazardous Chemical Data, Washington, D.C.: U.S. Coast Guard, USCG Publication N.16465.12A, 1984.
9. 1996 North American Emergency Response Guidebook, Washington, D.C.: U.S. Department of Transportation, DOT Publication No. RSPA P 5800.7, 1996.
10. Guidelines for the Selection of Chemical Protective Clothing, 2nd ed., Cincinnati, Ohio: American Conference of Governmental Industrial Hygienists, Inc., 1985.
11. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, Washington, D.C.: National Institute of Occupational Safety and Health, DHHS Publication No. 85-115, 1985.
12. Pocket Guide to Chemical Hazards, Washington, D.C.: National Institute of Occupational Safety and Health, DHHS Publication No. 94-116, 1994.
13. Technical Guidance for Hazards Analysis - Emergency Planning for Extremely Hazardous Substances, Washington, D.C.: U.S. Environmental Protection Agency, Federal Emergency Management Agency, U.S. Department of Transportation, 1987.
14. State of Florida Comprehensive Emergency Management Plan, 1997.

**FIGURE 1-1 LEPCs in Florida**



<b>District</b>	Local Emergency Planning Committee (LEPC) Mailing Address and Telephone Number	LEPC Chairperson	LEPC Staff Contacts
<b>1</b>	<b>West Florida Regional Planning Council</b> 4081 E. Olive Rd, Suite A Pensacola, FL 32514 850-332-7976 x217 s/c 695-8910 FAX: 850-637-1923 e-mail address: <a href="mailto:juan.lemos@wfrpc.org">juan.lemos@wfrpc.org</a>	Richard Delp	Juan Lemos
<b>2</b>	<b>Apalachee Regional Planning Council</b> 20776 Central Ave East Blountstown, Florida 32424 (850)674-4571 s/c 771-4417 FAX: (850) 674-4574  <u>Tallahassee Office</u> (850) 488-6211 FAX: (850) 488-1616 e-mail address: <a href="mailto:chris.rietow@theapc.com">chris.rietow@theapc.com</a>	Richard Smith	Chris Rietow
<b>3</b>	<b>North Central Florida Regional Planning Council</b> 2009 Northwest 67 Place, Suite A Gainesville, Florida 32653 (352) 955-2200 s/c 625-2200 FAX:(352) 955-2209 e-mail address: <a href="mailto:mundy@ncfrpc.org">mundy@ncfrpc.org</a>	Edye Rowell	Dwayne Mundy
<b>4</b>	<b>Northeast Florida Regional Planning Council</b> 6850 Belfort Oaks Place Jacksonville, Florida 32216 (904) 279-0880 ext. 113 s/c 874-0880 FAX: (904) 279-0881 e-mail address: <a href="mailto:JTaylor@nefrc.org">JTaylor@nefrc.org</a>	Ray Ashton	Jason Taylor

5	<b>Withlatchoochee Regional Planning Council</b> 1241 Southwest Tenth Street Ocala, Florida 34474-2798 (352)732-1315 ext. 235 s/c 667-1315 FAX:(352) 732-1319 e-mail address: <a href="mailto:anderson@wrpc.cc">anderson@wrpc.cc</a>	Milton Hill	Michael Arnold
6	<b>East Central Florida Regional Planning Council</b> 631 North Wymore Road, Suite 100 Maitland, Fl 32751 (407) 623-1075 ext. 335 s/c 334-1075 FAX:(407) 623-1084 e-mail address: <a href="mailto:raulerson@ecfrpc.org">raulerson@ecfrpc.org</a>	Jennifer Hobbs	April Raulerson
7	<b>Central Florida Regional Planning Council</b> Post Office Drawer 2089 Bartow, Florida 33831 (863) 534-7130 s/c 515-2025 FAX:(863) 534-7138 e-mail address: <a href="mailto:ccarter@cfrpc.org">ccarter@cfrpc.org</a>	Mike Linkins	Chuck Carter
8	<b>Tampa Bay Regional Planning Council</b> 4000 Gateway Centre Boulevard, Suite 100 Pinellas Park, Florida 33782 (727) 570-5151, Ext 33; s/c 513-5066; FAX (727) 570-5118 e-mail address: <a href="mailto:bill@tbrpc.org">bill@tbrpc.org</a>	Scott Ehlers	Bill Lofgren
9	<b>Southwest Florida Regional Planning Council</b> 1926 Victoria Avenue Fort Myers, Florida 33901 (239) 338-2550 ext. 229 s/c 749-7720 FAX: (239) 338-2560 e-mail address: <a href="mailto:jgibbons@swfrpc.org">jgibbons@swfrpc.org</a>	Bruce Porter	John Gibbons
10	<b>Treasure Coast Regional Planning Council</b> 301 East Ocean Boulevard, Suite 300 Stuart, Florida 34994 telephone: (772) 221-4060 fax: (772) 221-4067 e-mail address: <a href="mailto:kboer@tcrpc.org">kboer@tcrpc.org</a>	Chris Bushman	Kate Boer
11	<b>South Florida Regional Planning Council</b> 3440 Hollywood Boulevard, Suite 140 Hollywood, Florida 33021 (954) 985-4416 s/c 473-4416 FAX: (954) 985-4417 e-mail address: <a href="mailto:celam@sfrpc.com">celam@sfrpc.com</a>	George Danz	Manny Cela

## FIGURE 1-2

### Federal & State Organization for Hazardous Materials Planning

#### **LEGISLATION**

FEDERAL LAW: Superfund Amendments and Reauthorization Act of 1986, SARA / Title III *also known as*, Emergency Planning and Community Right-to-Know Act, EPCRA

STATE LAW: Florida Hazardous Materials Emergency Response and Community Right-to-Know Act of 1988

#### **IMPLEMENTATION**

United States Environmental Protection Agency

State of Florida

Florida Department of Community Affairs, Division of Emergency Management

State Emergency Response Commission

Local Emergency Planning Committee for Hazardous Materials

Counties, Fire Rescue & Emergency Management

**FIGURE 1-3  
Population and Jurisdictions in East Central Florida**

Population estimates for the East Central Florida Region					
Geographic Area	Population estimates				
	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003
Florida	18,251,243	18,089,888	17,789,864	17,397,161	16,999,181
Brevard County	536,161	534,359	531,250	519,387	505,756
Lake County	301,059	290,435	277,035	260,788	246,844
Orange County	1,066,113	1,043,500	1,023,023	989,926	964,073
Osceola County	255,815	244,045	231,578	219,544	205,993
Seminole County	409,509	406,875	401,619	391,449	385,395
Volusia County	500,413	496,575	490,055	478,670	467,651

Source: US Census Bureau

## **CHAPTER 2 EMERGENCY RESPONSE ORGANIZATIONS AND RESPONSIBILITIES**

### **2.1 GENERAL**

This chapter identifies the state, county, federal and private organizations that would participate in response to an emergency involving hazardous materials. Those individual officials who are responsible for coordinating the activities of the agencies listed below are responsible for assuring continuity of resources to support emergency operations over a protracted period of time. Refer to the County Plans for specific duties and responsibilities of each office.

### **2.2 GENERAL LOCAL GOVERNMENT ORGANIZATIONS AND RESPONSIBILITIES:**

#### **2.2.1 Chairperson**

The Chairperson, Local Board of County Commissioners, has the responsibility for overall hazardous materials emergency response planning for the County. The Chairperson, through the Director of Emergency Management shall initiate actions and provide direction and control at the local level, to include consideration of in place sheltering or evacuation as an option for the protection of the public, and conduct emergency operations to respond to the effects of an emergency involving hazardous materials.

The Chairperson is responsible for assuring overall continuity of resources to assure 24 hour operations for a protracted period. If conditions warrant, the Board will declare a local state of emergency.

#### **2.2.2 Department of Public Safety**

The Department of Public Safety is responsible for providing communications and other logistical support, within its capabilities, to the agencies involved in emergency operations in response to a hazardous materials release, if either County assistance is requested by the affected municipality or the county jurisdictional area is endangered.

The Department of Public Safety is responsible for early warning and notification of the population within the county affected by the release of hazardous materials. The Department of Public Safety is also responsible for the notification of the County EOC staff, activating the EOC, and notifying all local governmental and non- governmental agencies supporting emergency operations as appropriate to the severity of the incident.

All municipal requests for County assistance shall be directed to the Department of Public Safety. Subsequently, all county assistance to a municipality affected by a release of hazardous materials will be through the Department of Public Safety.

The Director of the Department of public Safety is responsible for the coordination, development, and maintenance of procedures to implement the County Hazardous Materials Emergency Plan consistent with existing conditions, policies, and procedures. The Director will also be responsible for maintaining the Plan through annual revisions.

The Director may initiate the development and implementation of a public education program designed to advise the public of the risks associated with hazardous materials and appropriate actions to take in the event of an emergency involving the release of hazardous materials within the county. The Director is authorized to issue any public information statements during a disaster period necessary to implement any contingency plan previously approved by the County Board of County Commissioners.

The Director is also designated as the Community Emergency Coordinator (CEC) for the county, in accordance with the provisions of SARA Title III and the State of Florida's administration of this Plan at the county level. The Director may coordinate overall emergency operations and support needs with the State DEM, state and federal support agencies, and the appropriate facility owner/operator.

### **2.2.3 County and Municipal Fire Departments**

Responsibilities shared by municipal and volunteer fire departments include:

- a. Respond to, investigate, and assume direct control of the management of hazardous material incident scenes occurring within its jurisdiction.
- b. Determine the type and nature of the hazardous material involved.
- c. Determine the necessity for an evacuation, issue evacuation orders when appropriate, and identify the vulnerable zone to be evacuated.
- d. Notify the County Emergency Operations Center, which will make proper notification to federal and state agencies as required by federal and state laws.
- e. Request assistance from appropriate federal and state agencies through the County Emergency Operations Center.
- f. Initiate request for assistance from appropriate agencies necessary to neutralize and/or contain the hazardous materials involved. All municipal requests for county assistance will be channeled through the Department of Public Safety.
- g. Give full cooperation to assisting agencies involved in determining action to be taken to contain the hazardous material and restore the area to normal.

- h. Provide vehicle wash down and monitoring, when necessary, at prescribed locations and in a manner consistent with Florida Department of Environmental Regulation and/or Health Department direction.

#### **2.2.4 Sheriff's Office and Municipal Law Enforcement Agencies**

Responsibilities shared by the Sheriff's Office and municipal law enforcement agencies:

- a. Determine the occurrence of a hazardous materials release.
- b. Notify the fire department which has jurisdiction of the occurrence of a hazardous materials release and request that appropriate response be initiated.
- c. Isolate and establish an initial perimeter over the area where evacuation, public safety, traffic control, and protection of property are of concern.
- d. Provide of traffic control along evacuation routes and crowd control at reception centers and shelters.
- e. Secure evacuation areas until residents are allowed to return to their homes
- f. Provide additional resources and support as necessary.

#### **2.2.5 Department of Environmental Services**

The County Department of Environmental Services is primarily responsible for environmental damage assessment, providing technical assistance for mitigation techniques, and air and water quality monitoring. This agency will function through the Department of Public Safety.

#### **2.2.6 Department of Health and Human Services**

The County Department of Health and Human Services will operate through the Department of Public Safety. Some of their responsibilities may include:

- a. Monitor potential public health problems;
- b. Supervise local public health operations, coordinate all governmental, and non- governmental relief agency resources involved in the prevention or control of emergency public health problems;
- c. Assist in the coordination all health and medical services; and
- d. Inform the Florida Division of Emergency Management, through the Director of Public Safety, of degraded public health conditions.

#### **2.2.7 Public Works Department**

The County Department of Public Works will operate through the Department of Public Safety and may provide the following assistance:

- a. Assist local fire department in assembling and disassembling wash down stations and disposing of waste materials;
- b. Assist American Red Cross by providing garbage pickup and disposal for reception centers and shelters;
- c. Assist law enforcement agencies with evacuation operations by providing traffic control equipment and personnel; and,
- d. Assist in containment and cleanup of spills by providing equipment and personnel as necessary.
- e. Assist in initial containment and limited cleanup of spills by providing, upon request, whatever personnel are available to operate or work with their equipment outside of danger zones.

### **2.2.8 Emergency Medical Services Division**

The Emergency Medical Services Division of the Department of Public Safety will attempt to insure that emergency medical transportation is available to persons in need of such services. If necessary and within their capabilities, the private EMS transport franchise will provide assistance in the evacuation and transfer of patients from nursing homes and hospitals in the affected areas, and assist in the evacuation of persons with special needs who are unable to evacuate themselves.

### **2.2.9 School Board**

The County School Board will supervise temporary shelter operations, which utilize school facilities, and provide equipment for the preparation of food for evacuees in cooperation with the American Red Cross. The School Board will also assist in providing buses for evacuees needing transportation, if requested by the director of the County Department of Public Safety.

### **2.2.10 Transportation Authority**

The Transportation Authority will provide emergency bus transportation to assist in the evacuation of hospitals, nursing homes, and schools, as well as the general public.

### **2.2.11 Hospitals**

Hospitals will respond to victims of the incident, and may accommodate transfer patients from affected hospitals, critical nursing home patients requiring hospitalization. This will be based on each facility's ability to handle chemically contaminated persons, and policy on acceptance of transfer patients and their current receiving status at the time of an incident.

## **2.2.12 Other County and Municipal Agencies**

Other county and municipal agencies may be required to provide equipment, personnel, and services to support emergency operations. All County agencies will operate through the County Department of Public Safety. Municipal support agencies will function according to standard operating procedures within the given municipalities.

### **LIST OF POSITIONS BY COUNTY**

#### **BREVARD COUNTY**

- 2.2.1 Chairperson, Brevard County Board of County Commissioners
- 2.2.2 County Administrator and Assistant County Administrator, Environmental Services Group
- 2.2.3 Director, Office of Emergency Management
- 2.2.4 Operations Supervisor, Division of Emergency Management
- 2.2.5 Sheriff's Office and Municipal Law Enforcement Agencies
- 2.2.6 County and Municipal Fire Departments
- 2.2.7 Health Department
- 2.2.8 Engineering and Public Works Department
- 2.2.9 School Board
- 2.2.10 Space Coast Transit Authority
- 2.2.11 Emergency Services Department
- 2.2.12 Area Hospitals
- 2.2.13 Other County and Municipal Agencies

#### **LAKE COUNTY**

- 2.2.1 Chairperson, Lake County Board of County Commissioners
- 2.2.2 County Manager
- 2.2.3 Director, Division of Emergency Management
- 2.2.4 Sheriff's Office and Municipal Law Enforcement Agencies
- 2.2.5 County and Municipal Fire Departments
- 2.2.6 Health Department
- 2.2.7 Public Works Division
- 2.2.8 School Board
- 2.2.9 Lake-Sumter Mental Health Center
- 2.2.10 County Hospitals
- 2.2.11 Department of Environmental Services
- 2.2.12 Other County and Municipal Agencies

#### **ORANGE COUNTY**

- 2.2.1 Orange County Chairman
- 2.2.2 County Administrator
- 2.2.3 Office of Emergency Management
- 2.2.4 Sheriff's Office and Municipal Law Enforcement Agencies
- 2.2.5 County and Municipal Fire Departments
- 2.2.6 Health Department
- 2.2.7 Public Works and Development Division
- 2.2.8 School Board
- 2.2.9 Transportation Authority
- 2.2.10 Emergency Medical Services Department
- 2.2.11 Hospitals
- 2.2.12 Other County and Municipal Agencies

## **OSCEOLA COUNTY**

- 2.2.1 Chairperson, Osceola County Board of County Commissioners
- 2.2.2 County Administrator
- 2.2.3 Director, Department of Public Safety
- 2.2.4 Sheriff's Office and Municipal Law Enforcement Agencies
- 2.2.5 Municipal Fire Departments and Volunteer Fire Departments
- 2.2.6 Health Department

- 2.2.7 Engineering and Public Works Department
- 2.2.8 School Board
- 2.2.9 Emergency Medical Services Division
- 2.2.10 County Hospitals
- 2.2.11 Other County and Municipal Agencies

## **SEMINOLE COUNTY**

- 2.2.1 Seminole County Manager
- 2.2.2 Department of Public Safety
- 2.2.3 County and Municipal Fire Departments
- 2.2.4 Sheriff's Office and Municipal Law Enforcement Agencies
- 2.2.5 Department of Environmental Services
- 2.2.6 Department of Health and Human Services

- 2.2.7 Public Works Department
- 2.2.8 Emergency Medical Services Division
- 2.2.9 School Board
- 2.2.10 County Hospitals
- 2.2.11 Other County and Municipal Agencies

## **VOLUSIA COUNTY**

- 2.2.1 Director, Division of Emergency Management
- 2.2.2 Hazardous Materials Response Team
- 2.2.3 Fire Departments
  - 2.2.3.1 Municipal
  - 2.2.3.2 County
- 2.2.4 Law Enforcement
- 2.2.5 Health Department
- 2.2.6 Public Works Department

- 2.2.7 School Board
- 2.2.8 VOTRAN and STS
- 2.2.9 EVAC
- 2.2.10 Hospitals
- 2.2.11 Other County and Municipal Agencies

## **2.3 STATE GOVERNMENT ORGANIZATIONS AND RESPONSIBILITIES**

### **2.3.1 Governor**

Under the provisions of Chapter 252, Florida Statutes, the Governor is ultimately responsible for protecting the population of the State from the dangers created by emergencies which are beyond the capabilities of local governments or which are multi-jurisdictional in nature. He will provide that protection through the assignment of appropriate state resources and agencies.

Any or all of the above responsibilities are implemented by:

1. Providing direction and control should the emergency be beyond the capabilities of the local government affected.
2. Issuing necessary Executive Orders, proclamations, and regulations.
3. Ensuring that timely emergency response operations can be initiated.

The Governor will also request federal assistance as necessary upon determining that the State has insufficient technical and/or logistical resources to adequately cope with the off-site consequences of emergency involving hazardous materials.

### **2.3.2 Attorney General**

The Attorney General will provide consultation to the Governor on legal matters pertaining to emergencies involving the release of hazardous materials.

### **2.3.3 Emergency Support Function (ESF) #10 Hazardous Materials**

The State's Comprehensive Emergency Management Plan, ESF #10 has been formed to provide a mechanism for the coordinated response by state agencies to hazardous materials emergencies that are beyond the capability of local governments. ESF #10 also provides technical assistance and information for incidents, which require state or federal involvement. The ECO of ESF #10 shall serve as the focal point for coordinating state response and support to local governments. Membership on this ESF includes the state agencies whose responsibilities are outlined in this section. (See also, Chapter 1, 1.6)

### **2.3.4 Department of Environmental Protection (CEMP ESF #10 lead agency)**

- a. Act as the technical advisory agent in identifying, containing and removing hazardous materials threatening, or affecting, water or air quality, as authorized by Florida Statutes.
- b. Locate sites and establish procedures for the disposal of hazardous materials.
- c. Act as the primary operational agency in the containment and cleanup of inland hazardous materials spills. For hazardous materials other than

- petroleum products, DER would respond for incidents involving more than 5 gallons. For petroleum incidents, this amount would be 100 gallons.
- d. Act as the sole authority on the use of chemical dispersants in combating a hazardous materials incident. DER prefers that releases be contained and cleaned up (or neutralized), rather than be dispersed.
  - e. Provide a coordinator to serve as Emergency Coordinating Officer (ECO) of the ESF #10 when an incident requires a multi-agency response.
  - f. Provide technical assistance and/or response to a hazardous materials incident. Assistance may include via telephone or on-site response, as warranted by conversations with the first responders.
  - g. When pollutants, as defined in Section 376.031(7), Florida Statutes, are determined to be discharged into navigable waters within the geographic responsibility of the United States Coast Guard, the state response shall be as provided in the Florida Coastal Pollutant Spill Plan, as approved by the Governor and Cabinet, pursuant to Sections 376.05 and 376.07, Florida Statutes. Section 376.031(7) defines pollutant as "oil of any kind and in any form, gasoline, pesticides, ammonia, chlorine and derivatives thereof, excluding liquefied petroleum gas."
  - h. Provide traffic supervision and control for water transportation routes adversely affected by a hazardous materials incident.
  - i. Provide work force and logistical support for areas, especially any state park or recreational area that is directly affected by a hazardous materials incident.

### **2.3.5 Department of Community Affairs (support agency)**

The Department is responsible for coordinating the State's response to emergencies involving hazardous materials. The Department will also request and coordinate assistance as necessary from federal emergency response agencies. The Department will:

- a. Notify appropriate state, local, and federal agencies of an emergency involving hazardous materials.
- b. Coordinate federal, state, and local emergency response activities.
- c. Ascertain the requirements of state and local political subdivision for supplies and equipment, and locate and provide needed supplies and equipment.
- d. Provide for activation of the State Emergency Operations Center, and provide personnel and equipment to operate emergency response facilities.
- e. Carry out the provisions of the State Emergency Act, Chapter 252, Florida Statutes, as amended.
- f. Prepare the State of Florida Comprehensive Emergency Management Plan (CEMP) through the Division of Emergency Management.
- g. Provide guidance and assistance in the preparation of local hazardous materials emergency response activities.

- h. Assist the local governments in providing public education and information regarding property response to a hazardous materials emergency.

### **2.3.6 Department of Transportation (support agency)**

- a. Coordinate activities between public and private agencies on matters relating to public transit.
- b. Provide public transportation services where emergency services are required.
- c. Support county highway/road departments in securing and installing barricades, signs, and other necessary equipment needed for traffic control.
- d. Coordinate traffic management activities in and around the affected areas.
- e. Coordinate movement of emergency resources to and from the designated area.
- f. Assist in the containment and cleanup of hazardous materials spills that occur on a state-maintained street or highway. Provide site check and cleanup of a hazardous materials incident only after those responsible for an initial incident have removed the overwhelming majority of waste. Repair highway and rights-of-way as necessary for public safety.
- g. Provide inspection of the condition of railroad tracks and all supportive, relative equipment, including locomotives and other rolling stock of any railroad operated within the state, and provide personnel to determine the cause of a railroad accident.
- h. Provide law enforcement and investigative response limited to awareness level for transportation related hazardous materials incidents subject to federal transportation regulations.

### **2.3.7 Department of Highway Safety and Motor Vehicles (support agency)**

- a. Assist other law enforcement agencies in the movement of traffic during an emergency involving hazardous materials.
- b. Assist other law enforcement agencies in the state to police the affected area.
- c. Provide security and assist in staffing roadblocks to support county personnel who are involved in emergency response operations.
- d. Provide communications assistance as required.
- e. Upon request, Florida Highway Patrol will assist in the transportation of samples for analysis when immediate analysis is necessary.

### **2.3.8 Department of Health and Rehabilitative Services (support agency)**

- a. Coordinate the sheltering of persons affected by a hazardous materials incident.
- b. Assist in the identification of possible health hazards related to hazardous materials incidents and take corrective action as needed.

- c. Assist in solving problems affecting drinking water or food supplies contaminated by hazardous materials.
- d. Provide response to all emergencies associated with radioactive materials or ionizing radiation.

### **2.3.9 Department of Agriculture and Consumer Services (support agency)**

- a. Assist in identification, containment, and disposal of pesticides and insecticides.
- b. Assist in the identification of possible health hazards, related to a HM incident, which may affect a food commodity, or the production of that food commodity.
- c. Provide support for law enforcement activities.

### **2.3.10 Department of Insurance/Florida Fire Chiefs' Association (support agencies)**

- a. Enforce rules and regulations covering the design, construction, location, and operation of equipment for liquefied petroleum gas storage, handling and intrastate transporting by tank truck, tank trailer or pipeline.
- b. Enforce regulations covering the manufacture of hazardous materials.
- c. Enforce rules and regulations for the intrastate transportation of hazardous materials.
- d. Provide personnel to determine the cause of an incident; conformance with Department of Insurance regulations.

### **2.3.11 Game and Fresh Water Fish Commission (support agency)**

- a. Assess damage to fish and wildlife populations and habitat resulting from a hazardous materials incident.
- b. Coordinate with other appropriate federal and state authorities any action deemed necessary, or required, for the protection of endangered or threatened species.
- c. Provide support for law enforcement and search and rescue operations.
- d. Assist other agencies with work force and logistical support for obtaining samples, controlling traffic, and pursuing criminal investigations.
- e. Maintain a toll free number for notification of incidents, which may threaten fish and/or wildlife habitat (1-800-342-1676).

## **2.4 FEDERAL GOVERNMENT ORGANIZATIONS AND RESPONSIBILITIES**

### **2.4.1 U.S. Coast Guard**

- a. Provide for the cleanup and decontamination of any hazardous substance on the state's coastline and on navigable waterways within the state.
- b. Operates the National Response Center (NRC) on a 24-hour per day basis.

#### **2.4.2 U.S. Environmental Protection Agency**

Provide for the cleanup and decontamination of any hazardous substance that has the potential to affect public health and safety and the environment.

#### **2.4.3 U.S. Department of Transportation**

Regulate the transportation of HM.

#### **2.4.4 Regional Response Team (RRT)**

The RRT provides a coordinated federal response capability at the scene of a HM incident that poses a threat to the public health and welfare, navigable waters of the United States, adjoining shorelines, or into or upon waters of the contiguous zones, and all inland waters.

#### **2.4.5 National Response Team (NRT)**

The National Response Team includes representatives from fourteen federal agencies, with emergency planning and response capabilities. The NRT provides a coordinated federal response capability to a HM incident that exceeds the capability of the RRT.

### **2.5 FACILITY OWNERS / OPERATORS**

- a. Designate a representative/coordinator to participate in the emergency planning process as a facility emergency coordinator and assist local emergency management directors and Local Emergency Planning Committees (LEPCs) in the preparation and maintenance of emergency response plans for hazardous materials present at their facility(ies).
- b. Notify the State Emergency Response Commission if subject to the requirements of SARA/EPCRA.
- c. Submit Material Safety Data Sheets and emergency inventory forms to the State Emergency Response Commission, Local Emergency Planning Committees, and local fire departments.
- d. Submit toxic chemical release forms to the State Emergency Response Commission and the Environmental Protection Agency for each toxic chemical defined in Section 313 of SARA/EPCRA that was manufactured, processed, or otherwise used in quantities exceeding the established threshold planning quantity during the preceding calendar year.
- e. Provide immediate notification to the local fire departments, State Emergency Response Commission and Local Emergency Planning Committee of the emergency release of a listed hazardous substance in excess of the reportable quantity for that substance.

- f. Provide written follow-up emergency notice to the State Commission and Local Emergency Planning Committees after the release.

## **2.6 VOLUNTEER ORGANIZATIONS**

### **2.6.1 American Red Cross**

The American Red Cross will provide reception and care for evacuees. This service will include registration of evacuees, provision of shelter managers, and special assistance to evacuees. Additional shelter space may have to be established by the American Red Cross should the relocation period last longer than anticipated. In this event, mobilization and relocation of evacuees will be coordinated by the American Red Cross through the County Emergency Operations Centers.

### **2.6.2 Emergency Broadcast System (EBS) Stations**

Provide early warning to the public and area broadcasting stations via EBS tone alert systems.

### **2.6.3 Florida Wing, Civil Air Patrol**

The Florida Wing, Civil Air Patrol (CAP), provides assistance to the state and its political subdivisions in responding to emergencies. The CAP has the capability to provide the following assistance:

- Aerial control, direction, and surveillance of surface traffic
- Light transport flights for emergency movement of personnel and supplies
- Aerial photographic and reconnaissance flights
- Search and rescue (including aircraft ramp checks for missing craft and aerial and ground search activities);
- Radio communications
- Other activities as approved by the Wing Commander, CAP and Director, Florida Division of Emergency Management.

### **2.6.4 Radio Amateur Civil Emergency Service (RACES)**

- Provide communication support during emergencies primarily between shelters and the EOC

### **2.6.5 Salvation Army**

The Salvation Army has entered a "Memorandum of Understanding" with the Federal Emergency Management Agency (FEMA) (Public Law 93-288 - Disaster Operations). Under the agreement, the Salvation Army elects to participate in major disaster or emergency assistance operations to the fullest extent possible.

Services offered to assist disaster victims include clothing, food, shelter (where possible) and counseling. Such services are not given competitively nor with any thought of displacing other organizations.

## **Chapter 3 DIRECTION AND CONTROL**

### **3.1 GENERAL**

This section describes, in general, the coordination and management of emergency response operations between local, state and federal agencies. Please refer to the County Plans for specific information on response operations.

### **3.2 LOCAL GOVERNMENT ROLE**

Local governments have the primary role in preventing unnecessary hazards to the public from an emergency involving the release of hazardous materials. When the accidental release of hazardous materials occurs, the effects of which are strictly confined to the premises of a private industry in the county, governmental response agency assistance should be on a cooperative basis only. Care must be exercised that a local government is not subjected to liability for damages unnecessarily because actions were forced upon a facility operator in an incorrect manner. When there is any possible off-site threat to the public or the environment, however, a public safety agency must assert its authority and take decisive charge of the scene.

Initial Response:

Initial response to hazardous materials accidents will be the responsibility of the law enforcement, fire, and emergency medical services agencies within the jurisdiction in which the accident occurred.

Coordination:

The Chairman of the Board of County Commissioners (BCC) will coordinate and direct emergency response through emergency management organizations and other county emergency response agencies. The designated emergency coordinator will coordinate overall emergency response activities and operations until increased state assistance is deemed necessary. Direction and control will be exercised through the County EOC.

#### **3.2.1 On-scene Command**

The Chairman of the BCC may designate the senior law enforcement or fire official at the site of the accident as the county's incident commander. In this capacity, the incident commander would be responsible for:

- Coordination of local resource deployment and local emergency response activities;
- Keeping county officials apprised on on-scene activities;
- Implementing actions necessary to protect public health and safety; and

- Coordination of clean up and recovery operations.

### **3.2.2 Emergency Operations Center**

The County Emergency Operations Center (EOC) may be activated by the county emergency management director upon receipt of notification of a release of hazardous materials. Appropriate response and support personnel would be called to the EOC to coordinate the actions of their respective agencies and organizations. Upon activation, direction and control of county emergency operations would be exercised by the Chairman of the BCC from the EOC. Once fully activated, the EOC will continue to function on a continuous basis until the emergency is over and its effects can be more effectively controlled through normal governmental channels.

### **3.3 STATE GOVERNMENT ROLE**

The role of state government in response to a hazardous materials emergency is to support local government operations unless the scope of the emergency warrants increased state action. The Division of Emergency Management from the State Emergency Operations Center coordinates the state government support.

Upon receipt of notification from the county that a release of hazardous materials has occurred, staff from the Department of Environmental Protection may be dispatched to the scene to provide guidance to local emergency operations personnel to mitigate environmental damage. In the event of a major hazardous materials accident, all or a portion of the State Emergency Operations Center and ESF #10 may be activated to coordinate state response and support to the county.

Increased state actions may be warranted for emergencies, which involve multi-jurisdictional hazards, when local governments believe the emergency is beyond the capabilities of local resources, or when the Governor determines there is an overriding concern for the safety of the public. For these situations, the Governor can designate the primary responsibility for emergency response to the state by issuing an Executive Order under the provisions of Section 252.36, Florida Statutes. An example of an Executive Order will be coordinated with local governments. Upon issuance of an Executive Order, the local government will continue to coordinate the emergency response operations of the local agencies.

### **3.4 FEDERAL GOVERNMENT ROLE**

The role of the federal government in response to an emergency involving the release of hazardous materials is to support local and state emergency operations. Activation of the Federal Regional Response Team (RRT) provides access to federal resources not available at the state and local levels. An on-scene coordinator will be designated to coordinate federal resources and support.

**Figure 3-1**  
**EXAMPLE EXECUTIVE ORDER**  
**STATE OF FLORIDA**  
**OFFICE OF THE GOVERNOR**  
**EXECUTIVE ORDER NUMBER \_\_\_\_\_**

WHEREAS, on \_\_\_\_\_, 20\_\_\_\_, a hazardous materials emergency condition was declared at the \_\_\_\_\_ chemical plant, operated by the \_\_\_\_\_ Chemical Company in \_\_\_\_\_ County, causing a potentially hazardous chemical release into the atmosphere, and

WHEREAS, certain additional specialized equipment, personnel and resources are required, and

WHEREAS, the \_\_\_\_\_ Chemical Company has exerted every effort to correct the emergency condition, and

WHEREAS, local governments in the affected counties and municipalities have exerted every effort to assist the affected citizens, and

WHEREAS, the \_\_\_\_\_ County Commission has declared a local state of emergency and has requested assistance from the state,

NOW, THEREFORE, I, \_\_\_\_\_, as Governor of the State of Florida, by virtue of the authority vested in me by Article IV, Section 1(A), Florida Constitution (1968), Section 252.31 et seq., Florida Statutes (1974), Section 250.06, Florida Statutes 91973), and all applicable law, do hereby declare the existence of a disaster emergency and promulgate the following Executive Order effective immediately:

1. That a state of emergency exists within \_\_\_\_\_ County due to the potentially hazardous effects of a chemical release from the \_\_\_\_\_ Chemical Plant.

2. That the Florida Comprehensive Emergency management Plan is hereby activated and the Department of Community Affairs shall be responsible for emergency management and is hereby empowered to take all action under the plan necessary to protect the health, welfare, and safety of the people and property in the vicinity of the chemical release.

3. That the Chairperson of the Board of County Commissioners of \_\_\_\_\_ County or the Chairperson's designee shall act as coordinator of the local emergency management effort within \_\_\_\_\_ County.

4. That the Division of Emergency management is hereby authorized to order the evacuation of those portions of \_\_\_\_\_ County whose people and property are in

imminent or existing danger as a result of the emergency at the \_\_\_\_\_ Chemical Plant and the chemical release. Should such action become necessary, the evacuation orders shall have the force and effect of state law.

5. That the Florida Division of Emergency management is hereby authorized to direct the use of any State and County facility, including public schools, to ensure the proper reception, sheltering, and care of evacuees.

6. That State agencies and the Florida National Guard, as coordinated by the Florida Division of Emergency Management, shall provide mission support by furnishing resources and support personnel to alleviate threat to life and property resulting from the state of emergency at the \_\_\_\_\_ Chemical Plant.

7. That all affected toll facilities are hereby ordered to suspend the collection of toll charges until such time as the Governor or his Authorized Representative designates this as no longer necessary.

8. That \_\_\_\_\_ is hereby appointed the Governor's Authorized Representative for \_\_\_\_\_ County and the area(s) within the vulnerable zone surrounding the \_\_\_\_\_ Chemical Plant.

9. In the event of \_\_\_\_\_ absence, \_\_\_\_\_ shall act as the Governor's Authorized Representative.

10. This Executive Order shall remain in effect for a period of thirty days unless otherwise rescinded.

(SEAL)

IN TESTIMONY WHEREOF, I have  
Hereunto set my hand and  
Caused the Great Seal of the  
State of Florida to be  
affixed at Tallahassee, the  
Capitol, this \_\_\_\_\_ day  
of \_\_\_\_\_, 20\_\_\_\_.

/s/ \_\_\_\_\_  
GOVERNOR

ATTEST:  
/s/ \_\_\_\_\_  
SECRETARY OF STATE

## **Chapter 4 NOTIFICATION AND ACTIVATION**

### **4.1 GENERAL**

This section describes, in general, the responsibilities and procedures for the notification of appropriate emergency response organizations; alerting key local, state and federal emergency response personnel; and for providing warning and instruction to the general public. Please refer to the County Plans for specific information on "Notification and Activation".

### **4.2 WARNING POINTS**

STATE TELEPHONE NUMBER: 850.413.9911 or 800.320.0519

The Florida Division of Emergency Management (DEM) is the designated State Warning Point in the event of a hazardous materials incident. As such, the DEM is responsible for receiving notification of an emergency from the county warning point and alerting key state and federal emergency response personnel. The DEM is also responsible for assisting Local Emergency Planning Committees (LEPCs) in providing warnings and instructions to the general public.

A Duty Officer is on duty at the State Warning Point in Tallahassee on a 24-hour per day basis. The 24-hour telephone number for the State Warning Point is 850-413-9911 or (800) 320-0519. Upon receipt of notification from the county warning point that a release involving hazardous materials has occurred, the State Warning Point will make the appropriate notification to the National Response Center.

FEDERAL: 800-424-8802

The National Response Center (NRC) is the national warning and communications center for emergencies involving the release of hazardous materials. Located at U.S. Coast Guard headquarters in Washington, D.C., the NRC receives and relays notices of discharges and releases to the appropriate on-scene commander, and provides facilities for the National Response Team to use in coordinating a national response action when required. A 24-hour telephone number for the NRC is 800-424-8802.

COUNTY: All counties have 911 emergency systems.

The six County Emergency Operations Centers (EOC) or the County 911 Communication Centers (when the County EOC's are not activated) will be the primary contacts to activate the Emergency Alert System. 911 centers will be the secondary contacts. It is noted that these contacts can be expanded for future use as needs grow.

Each County Emergency Operations Center has equipment installed to interface with the State Division of Emergency Management as well as accessing NOAA via the State's Emergency Satellite Communications (ESATCOM) System. Additionally, Brevard County Emergency Management has installed broadcast quality transmission equipment to provide for EAS alert transmission on the RPU frequency of 161.640 MHZ, operating under the license of WWBC-AM. This is the primary link for communicating alerts from Brevard County Government to the LP1 station for Brevard County.

#### Cooperative Emergency Information Feed

During times of emergency, equipment at some County EOC's is capable of being manned and operated full time in order to provide a cooperative feed to the broadcast community. When activated, personnel will be solicited from the general broadcast community to provide the feed. Unless otherwise specified in advance, all transmissions will be generic in nature relative to station ID's and names since this will be a cooperative feed. Any EAS alerts sent from the County EOC's during emergencies will be coordinated with the operator of the cooperative feed equipment before the transmission of these alerts. During emergency situations, County EOC's reserve the right to request preemption of existing RPU programming under current Federal Communications Commission regulations concerning transmission of Emergency Civil Defense information.

Brevard County:	Emergency Communications Center	321.	Rockledge
Lake County:	Emergency Communications Center	352.	Tavares
Orange County:	Emergency Communications Center	407.	Orlando
Osceola County:	Emergency Communications Center	407.	Kissimmee
Seminole County:	Emergency Communications Center	407.	Sanford
Volusia County:	Emergency Communications Center	386.	Daytona Beach

### 4.3 NOTIFICATION AND ACTIVATION

Facility owners or operators are required to immediately notify local, state (and in some cases federal) authorities following the release of a listed extremely hazardous substance in an amount that exceeds the *reportable quantity* (RQ) for that particular substance. It is the responsibility of the owner/operator of the facility from which hazardous materials have been released to notify the county warning point that a release has occurred. Specific information to be included in the facility's initial contact, and follow-up report, is identified in Figure 4-1. In the event that the State Warning Point receives notification of the release from a source other than

the county warning point, the State Warning Point will immediately notify the county warning point.

Following a reportable release the facility owner or operator is required to:

1. Immediately: Contact 911 response agencies.
2. Immediately: Contact the State Warning Point (Figure 4-1: 304 Reporting Form)
3. Immediately: Contact the National Response Center (NRC) if a substance is reportable under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA);
4. Follow-up: Provide the State Emergency Response Commission (SERC) with a "304" follow-up report; and
5. Follow-up: Provide the LEPC with a copy of the above report. The LEPC may request that a copy be provided to the county emergency management agency.

Upon receipt of notification of an emergency involving the release of hazardous materials, the county warning point will make every effort to verify information contained in the initial report. Local response organizations will be notified of the emergency by the county warning point, at the direction of the County Operations Supervisor. The names and telephone numbers of both the primary and alternate contact for each emergency response organization identified in Figure 4- 2 will be maintained by the County Division of Emergency management. These names and telephone numbers will be verified and updated continuously to assure accurate and timely notification. The notification message will specify that the organization stand by or start to mobilize emergency response personnel.

Emergency response personnel will be called to duty using established county notification procedures. Support agencies will be alerted by the agency they are supporting. Should mobilization be required, emergency response personnel will report to their agency response center for specialized equipment and further instructions.

The descriptions of emergency conditions and guidelines for notification and activation of emergency response personnel for each level of threat are discussed below. Please refer to the County Plans for details on "Notification and Activation".

#### **4.3.1 Potential Emergency Condition**

- a. Description: An incident or threat of a release, which can be controlled by the first response agencies and does not require evacuation of other than the involved structure or the immediate outdoor area. The incident is confined to a small area and does not pose an immediate threat to life or property.
- b. Notification: Upon receipt of notification of a potential emergency condition from the facility owner or operator the County Emergency Communications Center will notify the following emergency personnel (refer to County Plans, Figure 4-2):
- c. Activation: Activation of emergency response personnel beyond the first response agencies (fire department, emergency medical services, police department, etc.) and partial EOC staff is not anticipated for this level of emergency. The county Emergency management Director and Operations Supervisor will monitor the situation, coordinate local response activities, and be prepared to take further action, if necessary, to protect the public.

#### ***Contact numbers for EAS Activation Verification***

Florida State Warning Point	(850) 413-9911
Brevard County E.M.	(321) 637-6670
Lake County E.M	(352) 343-9458
Orange County E.M	(407) 677-7646
Osceola County E.M.	(407) 343-7000
Seminole County E.M	(407) 665-5107
Volusia County E.M.	(386) 254-1500

#### **4.3.2 Limited Emergency Condition**

- a. Description: An incident involving a greater hazard or larger area which poses a potential threat to life and/or property and which may require a limited evacuation of the surrounding area.
- b. Notification: Upon receipt of notification of a limited emergency condition from the facility owner or operator, the County Emergency Communications Center will notify the following emergency personnel (see Figure 4- 2):
- c. Activation: Upon notification, the County Emergency Management Director and Operations Supervisor will report to the EOC to facilitate the rapid deployment of emergency response personnel, if needed. If the situation warrants, the county emergency management director will activate the county EOC.

### **4.3.3 Full Emergency Condition**

- a. Description: An incident involving a severe hazard or large area which poses an extreme threat to life and/or property and will probably require a large scale evacuation, or an incident requiring the expertise or resources of county, state, federal or private agencies.
- b. Notification: Upon receipt of notification of full emergency conditions from the facility's owner or operator, the County Emergency Communications Center will notify the emergency personnel.
- c. Activation: The County Emergency Management Director and Operations Supervisor will activate the EOC and assist in the notification process. Rumor control telephone numbers will also be activated. Designated emergency personnel will report to the EOC and other emergency response personnel may be directed to take appropriate emergency actions.

## **4.4 NOTIFICATION TO THE PUBLIC**

Upon the determination that a Limited Condition or a Full Emergency Condition is in progress, the County Emergency Management Operations Supervisor will activate procedures to provide the Incident Commander's notification and clear instructions, including periodic status updates, to the general public within the area affected by the release.

As a backup, police and fire rescue vehicles and aircraft equipped with public address systems will move throughout the area advising residents of the protective actions they should take based on the severity of the emergency in accordance with the response agencies' established procedures. At night or because of air-conditioned buildings, a vehicle with sirens should be used to awaken or get the attention of residents and precede a second vehicle, which gives instructions, by loudspeaker. If a toxic cloud is already in the air, information contained in Media Release B, Figure 6-1, should be given by loudspeaker at this time.

Boaters in the waters near affected facilities will be notified of the emergency by loud speakers from boats and aircraft operated by the Florida Marine Patrol, Florida Game and Fresh Water Fish Commission, Brevard County Sheriff's Department, and U.S. Coast Guard.

The public notification system may be activated for a Potential Emergency and will be activated for a Limited Emergency or Full Emergency. Activation of the public notification system should be accomplished within 15 minutes after the decision is made to activate. Notification of the public should occur between 15 to 45 minutes after activation.

## LP-1 and LP-2 Station Assignments

Several Broadcast Radio stations will play a very important role in the EAS Plan. Their functions in the EAS Plan are listed as follows:

1. WMGF-FM and WDBO-AM, Orlando (107.7 FM and 580 AM) will be the Primary Broadcast Stations (LP-1) for Operational Area Seven, minus Brevard County. WLRQ-FM, Cocoa (99.3 FM) will be the Primary Broadcast Station (LP-1) for Brevard County. EAS alerts originated by Brevard County Emergency Management or National Weather Service Office Melbourne on NOAA Weather Radio (162.550 MHz) will be rebroadcast by WLRQ and monitored by WMGF, then rebroadcast to all other Area Seven stations by WMGF within agreed timeframes.
2. WWKA-FM and WQTM-AM, (92.3 FM and 540 AM) will be Local Primary-2 stations for Operational Area Seven.

### Points of Contact

#### WMGF-FM 107.7 (LP1) and WQTM-AM (LP2)

Clear Channel Communications  
2500 Maitland Center Parkway  
Suite 401  
Maitland, FL 32751-4122  
(407) 916-8409  
[mikespry@ccorlando.com](mailto:mikespry@ccorlando.com)

#### WDBO-AM 580 (LP1) and WWKA-FM 92.3 (LP2)

Cox Communications  
Steve Fluker  
200 S Orange Ave  
Suite 2240  
Orlando, FL 32801  
(407) 422-9890

#### WLRQ-FM 99.3 (Brevard County LP1)

Tom Haymond, Operations Manager  
Doug Remington, Chief Engineer  
1388 S. Babcock Street  
Melbourne, Florida 32901  
(321) 733-1000 voice, (321) 725-6821 fax  
[litterock@wlrq.com](mailto:litterock@wlrq.com)

The minimum monitoring assignments for Broadcast Radio, Television, and Cable Television Stations will be as follows:

1. LP1 stations - Monitor Operational Area Seven LP2 station(s) (WWKA or WQTM), NOAA Weather Radio, and the State Emergency Management SATCOM feed (ESATCOM) when equipment is installed. All of the above will be monitored on a 24-hour a day basis and all feeds will be monitored via the EAS Decoder system at the LP1 station. In addition, WMGF will monitor WLRQ, WLRQ will monitor WMGF or WDBO and the Brevard County EOC feed on 161.640 MHZ. <sup>1</sup>

2. LP2 stations - Monitor Operational Area Seven LP1 stations (WMGF/WDBO), another LP2 station within this Operational Area, State Emergency Management SATCOM feed (ESATCOM), and NOAA Weather Radio at the discretion of Station Management.

3. Primary Relay stations - Monitor Operational Area Seven LP1 and LP2 stations. Monitor NOAA Weather Radio at the discretion of Station Management.

4. Cable providers will monitor the Operational Area 7 LP1 and LP2 stations for their respective geographical area. It is recommended that NOAA Weather Radio for the respective geographical area be monitored as well, but it is left to the cable operator.

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<sup>1</sup> Until WLRQ reception problems are solved at the WMGF studio, on a temporary basis, WOMX-FM will monitor WLRQ and relay alerts to WMGF via the EAS system.

**FIGURE 4-1  
SARA / EPCRA Section 304 Reporting Form**

**SECTION 304 REPORTING FORM available at  
<http://www.floridadisaster.org/cps/SERC/morformz.htm>**

## *Reporting Forms*

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**The following forms are available for downloading.**

[Annual Fee Package](#)  (Contains the Consolidated Annual Registration Form, Tier Two Form, and the Tier Two Instructions)

Consolidated Annual Registration Form: [DOC](#) [PDF](#) 

Tier Two Form: [DOC](#) [PDF](#) 

[Tier Two instructions](#) 

Statement of Determination: [DOC](#) [PDF](#) 

Section 302/303 Form: [DOC](#) [PDF](#)   
(Emergency Planning Notification/  
Facility Representative Notification)

Section 311 Reporting Form: [DOC](#) [PDF](#) 

Section 313 Toxic Chemical Release Inventory (TRI) Fee Form: [DOC](#) [PDF](#) 

[Tier Two Confidential Information Sheet](#) 

This web site publishes numerous documents using Adobe's(R) Portable Document Format (PDF). This icon  next to a document means that it has been placed in a PDF and may be displayed or printed exactly as the author created the document. [Click here to download free Adobe Acrobat Reader](#) for pdf documents.

**Figure 4-2**  
**EMERGENCY CONTACT LIST**

Potential Emergency Conditions

Director, County Division of Emergency Management  
County Sheriff  
Municipal police departments  
Chief, County Fire/Rescue  
Municipal fire departments  
Director, Emergency Medical Services Division  
State Warning Point

Limited Emergency Conditions

Director, County Division of Emergency Management  
County Administrator  
Public Safety Director  
County Sheriff  
Municipal police departments  
Chief, County Fire/Rescue  
Municipal fire departments  
Director, Emergency Medical Services Division  
Director, Health Department  
Director, Engineering and Public Works Department  
Chairman, County School Board  
Director, Transportation Authority  
Director, County Chapter of the American Red Cross  
State Warning Point

Full Emergency Conditions

Director, County Division of Emergency Management  
County Administrator  
Public Safety Director  
County Sheriff  
Municipal police departments  
Chief, County Fire/Rescue  
Municipal fire departments  
Director, Emergency Medical Services Division  
Director, Health Department  
Director, Engineering and Public Works Department  
Chairman, County School Board  
Director, Transportation Authority  
Director, County Chapter of the American Red Cross  
State Warning Point

## **CHAPTER 5 EMERGENCY COMMUNICATIONS**

### **5.1 GENERAL**

Located within the each county's Emergency Operations Center (EOC) is a fully operational Emergency Communications Center (Control), which is manned 24 hours per day by a professional staff of emergency communicators and capable of coordinating communications among response organizations during an emergency. For additional specific information on Emergency Communications, please refer to the County Plans.

### **5.2 COORDINATION OF EMERGENCY COMMUNICATIONS**

The EOC will provide all off-site communications support to the incident commander or the public safety agency having responsibility for coordinating emergency response to hazardous materials incidents.

Upon activation of the EOC, all emergency communications systems will be placed into service and tested. The Communications Coordinator will establish liaison with county contracted communications personnel, American Red Cross communications personnel, Emergency medical Services, Civil Air Patrol, amateur radio operators, and any other organization with the capability to provide supplemental communications. Fire Rescue Department Communicators will be responsible for the operation of the Emergency County Communications Center.

Upon receipt of an evacuation order, amateur radio operators will report to their assigned shelters with their equipment and begin to open communications nets with the EOC. Amateur radio operators assigned to shelters will report to the American Red Cross Communications Disaster Chairman; those assigned to the EOC will operate the RACES and amateur repeater positions. Law enforcement and fire department radio positions will be staffed at the EOC by personnel from those departments.

County Communications will be assigned supporting functions at the EOC, and volunteer organizations (Civil Air Patrol, etc.) will provide staff for their respective operations at the EOC. Direct communications between the EOC and the following organizations will be established and maintained:

- The State Division of Emergency Management regarding the local situation and requests for state and federal support and resources;
- The chemical facility where the release of hazardous materials is occurring;
- Local emergency response agencies by agency radio systems and commercial telephone;
- Medical facilities and ambulance services through the county's Hospital/Emergency Ambulance Radio (HEAR) network; and
- Federal agencies, through the State Division of Emergency Management.

Telephone service within the EOC operations room will be established and a log of incoming and outgoing messages will be maintained.

## **5.3 COMMUNICATIONS SYSTEMS**

### **5.3.1 Sheriff's Radio and Intercity Police Radio**

This system is used for evacuation related messages and to facilitate alert and warning of the general public.

BREVARD COUNTY: 800 MHZ Radio System

LAKE COUNTY: Sheriff's Radio (155.715-154.725 MHz) and Inter-City Police Radio (155.370 MHz)

ORANGE COUNTY: Sheriff's Radio:

460.025-465.025 MHz

460.125-465.125 MHz

460.175-465.175 MHz

460.275-465.275 MHz

460.475-465.475 MHz

460.300-465.300 MHz

Inter-City Police Radio (155.370 MHz)

OSCEOLA COUNTY: Sheriff's Radio (460.375 MHz)

Inter-City Police Radio (155.370 MHz)

SEMINOLE COUNTY: Enhanced Trunking System (800 MHz)

VOLUSIA COUNTY: Volusia County Sheriff's Department frequencies are:

S.O. F-1

S.O. F-2

Inter-City

All Points

### **5.3.2 Intra-County Fire Radio and Forestry Service Radio**

This system is used for search and rescue operations and evacuation related messages.

BREVARD COUNTY: Intra-County Fire Radio (154.265 - 154.280 - 154.295 MHz) and Forestry Service Radio (159.330 - 159.375 MHz), and Brevard County Fire Mutual Aid Radio (154.160 MHz)

LAKE COUNTY: County Fire Radio Frequencies:

Primary Dispatch	154.385	Tach 1
Fireground	154.220	Tach 2
Alternate Fireground	154.235	Tach 3
Training/HazMat	154.295	Tach 4
Administration	154.340	Tach 5
Alternate	154.430	Tach 6

ORANGE COUNTY: Intra-County Fire Radio (154.430 MHz) and Forestry Service Radio (159.375 MHz)

OSCEOLA COUNTY: Intra-County Fire Radio (154.430 MHz) and Forestry Service Radio (154.280 MHz)

SEMINOLE COUNTY: 800 MHz enhanced trunking system

VOLUSIA COUNTY: Volusia County Fire/Rescue frequencies are:  
F-1, F-2, F-3  
Mutual Aid

### **5.3.3 State Local Government Radio**

This system is used to transmit emergency operations messages, situation reports, and general information (39.100 MHz and 39.180 MHz).

### **5.3.4 County Local Government Radio**

This system is used to coordinate with other local agencies and organizations, media and public warning, shelter information and general information.

BREVARD COUNTY: 158.940-T/155.715-R

LAKE COUNTY: 46.40-T/45.60-R

ORANGE COUNTY: 155.280T/R

OSCEOLA COUNTY: --

SEMINOLE COUNTY: --

VOLUSIA COUNTY: EM-LGR

### **5.3.5 Hospital/Emergency Ambulance Radio (HEAR)**

This is a supplemental system, with priority given to medical support information.

### **5.3.6 Civil Air Patrol Radio**

This system will be used to provide support to local emergency shelters without dedicated communications coverage, and for search and rescue operations.

BREVARD COUNTY: 148.15-143.9 MHz

LAKE COUNTY: 148.15-143.9 MHz

ORANGE COUNTY: --

OSCEOLA COUNTY: 148.15-143.9 MHz

SEMINOLE COUNTY: --

VOLUSIA COUNTY: --

### **5.3.7 Search-Air-Rescue Radio**

**This system provides inter-connect between search aircraft and the EOC.**

BREVARD COUNTY: 121.5-123.1 MHz

LAKE COUNTY: 159.375 MHz

ORANGE COUNTY: 121.5-123.1 MHz

OSCEOLA COUNTY: --

SEMINOLE COUNTY: --

VOLUSIA COUNTY: --

### **5.3.8 NOAA Weather Radio**

NOAA weather radio advises of severe weather conditions and can be used to supplement other systems.

DAYTONA BEACH STATION: 162.400 MHz

MELBOURNE STATION: 162.550 MHz

ORLANDO STATION: 162.475 MHz

### **5.3.9 Maritime Radio**

Maritime Radio aids small craft during evacuation of waterways and is used to coordinate with marina operators and the U.S. Coast Guard.

BREVARD COUNTY: Channels 16, 22 Alpha, and 9

LAKE COUNTY: Channel 81 Alpha

ORANGE COUNTY: --

OSCEOLA COUNTY: Channels 16, 22 Alpha, and 9

SEMINOLE COUNTY: --

VOLUSIA COUNTY: --

### **5.3.10 Radio Amateur Civil Emergency Service (RACES)**

The Radio Amateur Civil Emergency Service (RACES) is a viable ancillary communications network among county agencies and/or between county and state organizations. During an emergency, a pool of RACES volunteers may be utilized by the county.

Brevard:	147.735-T/147.135-R and 146.280-T/146.880-R
Lake:	146.77-146.52-147.855-145.68 MHz
Orange:	146.820-145.100-147.285-443.700 MHz
Osceola:	146.625-146.670-146.820-145.450 MHz
Seminole:	146.625-146.670-146.820-145.450 MHz
Volusia:	frequency not listed

### **5.3.11 Emergency Satellite Communications (ESATCOM)**

ESATCOM is a satellite warning system operated on a 24-hour basis. The State Division of Emergency management uses the ESATCOM to communicate with each county's primary warning point and the weather service bureaus.

### **5.3.12 Commercial Telephone**

Commercial telephone service is available at the County EOC, county warning point and can be used as an alternate system.

### **5.3.13 Hard Copy Transmission System**

A high-speed facsimile system is in place in the EOC to transmit and receive hard copy of information pertaining to the emergency. This back-up communications system will be used to verify verbal information received and transmitted through other communications systems.

#### **5.3.14 Citizens Band (CB) Radio (Channels 1-23)**

The CB radio system is used to support communications within shelters to provide internal management assistance.

#### **5.3.15 Florida National Guard Radio**

This system serves as a coordination link between the EOC and the local Armory (when activated).

## **Chapter 6 PUBLIC INFORMATION AND EDUCATION**

### **6.1 GENERAL**

This chapter provides guidance for communicating with the public during a hazardous material emergency. Procedures for the coordination and dissemination of public information through the media are addressed. The chapter also includes a section on LEPC educational activities and public access to annual facility TIER II reports. For additional information please refer to the County Plans.

### **6.2 PUBLIC INFORMATION OFFICERS**

Public Information Officers (PIOs) are those persons authorized by their organizations to release news and background information to the media, monitor events and summarize information for distribution to responders and the media, coordinate and verify information from and with all entities, assure support with regard to timely notification to the public and assist public information spokespersons to maintain records of news releases and public information as well as a log of events.

Specific duties to be performed by PIOs include the following:

1. collect, edit and release information and instructions to the media;
2. establish contact with wire services;
3. assist news media personnel in the performance of their functions, including accreditation and identification;
4. coordinate the release of information with facility representative and county information officer;
5. brief the news media as conditions warrant; and
6. keep concerned staffs informed through "in-house" news summary bulletins.

#### **6.2.1 Local Public Information Officer**

Releases of information to the news media from any local agency are coordinated through the county PIO and/or Chairman of the Board of County Commissioners (BCC). For incidents that do not require the activation of the County EOC, the PIO designated by the appropriate local jurisdiction will release information to the news media.

#### **6.2.2 State Public Information Officer (ESF #14)**

The Department of Community Affairs is the lead agency for ESF #14: Public Information. The State Division of Emergency Management (DEM) provides a PIO who works from the State Emergency Operations Center (SEOC), or local Emergency Operations Center, as appropriate.

Information will flow from the SEOC to local Emergency Operations Centers, as well as FEMA/State joint information centers. Releases of information to the news media from any state agency will be coordinated through Emergency Support Function (ESF) #14 and/or the Governor's Authorized Representative (GAR). The Governor's Director of Communications is the Public Information Officer for the Governor's Office, and will operate from the State Emergency Operations Center (SEOC) or the local Emergency Operations Center.

### **6.2.3 Federal PIO**

When federal agency resources are used, the State PIO will coordinate public information efforts with the federal agency representative and appropriate state and local public information representatives. (see also, 6.2.2)

### **6.2.4 Facility PIO**

The facility coordinator or designated PIO serves as a public information officer in cooperation with the local PIO and State PIO.

## **6.3 EMERGENCY NEWS**

### **6.3.1 County Emergency Operations Center**

The County Emergency Operations Center (EOC) serves as the focal point for news and information releases that are provided by public information staff (including technical experts) during an emergency. Spokespersons from each agency conduct periodic press conferences as conditions warrant. The county PIO coordinates with affected local governments to assure the provision of information and materials to advise residents and tourists of appropriate protective measures.

The county PIO is responsible for the overall management and coordination of media activities. The EOC provides space and equipment to a limited number of media representatives. This includes: adequate physical accommodations, briefing schedules, background information (i.e. press kits), notice of events such as evacuations, security, and periodic update releases to wire services.

### **6.3.2 State Division of Emergency Management Public Information**

Emergency Support Function (ESF) #14, Public Information, serves as the primary mechanism for the dissemination of information to the general public through news and information released. The Department of Community Affairs will act as the lead agency for ESF 14. Information will flow from the SEOC in the form of media briefings, press releases, and situation reports. Information will also flow from ESF 14 to public information personnel in local EOCs as well as FEMA/State joint information centers. A public information telephone line may be established and staffed by ESF 14.

The Governor's Director of Communications is the Public Information Officer for the Governor's Office, and will operate no longer from DEM Press Room but instead from the SEOC or the local Emergency Operations Center. Releases of information to the news media from any state agency will be coordinated through ESF 14. DEM will provide a PIO who will work from the local EOC or the SEOC, as appropriate.

### **6.3.3 Coordination of Media Releases**

Each PIO will collect information regarding emergency operations and recommended protective actions from their respective emergency response personnel. Upon verification of information, the PIOs from the county, facility and state will develop a coordinated news release for approval by appropriate decision-makers. Formats for media releases will vary from one agency to another. Please refer to County Plans for specific format examples. Types of media releases are listed in Figures 6-1 through 6-7.

**Figure 6-1**

**MEDIA RELEASE A: Alert-No Protective Action**

The County Division of Emergency Management received a report that

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has occurred. It has been determined that no protective actions are required to ensure and maintain public health and safety.

The Division of Emergency Management will continuously monitor and assess the situation to confirm earlier reports. As monitoring results become available, protective actions may be recommended as needed.

**NOTE TO CORRESPONDENTS:**

This message has been issued by authority of the Board of County Commissioners. Additional information may be obtained from:

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Date/Time of issue:

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Issued by:

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**Figure 6-2**

**MEDIA RELEASE B: In-Place Shelter Notice**

The Board of County Commissioners has declared an emergency situation in the vicinity of \_\_\_\_\_. This is a warning to all residents within \_\_\_\_\_ mile radius of the \_\_\_\_\_. You are advised to seek shelter immediately; go indoors...close windows and doors....turn off air conditioners and fans. Stay inside until you receive further instructions. There has been a release of hazardous materials. To avoid exposure, seek shelter immediately indoors...close windows and doors...turn off air conditioners and fans. Evacuation has not been recommended at this time. Keep your radios and television sets turned on for additional information.

**NOTE TO CORRESPONDENTS:**

This message has been issued by authority of the Board of County Commissioners. Additional information may be obtained from:

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Date/Time of issue:

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Issued by:

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**Of further consider:**

If a gas or vapor is soluble or even partially in water, hold a wet cloth or handkerchief over your nose and mouth if the gas starts to bother. For a higher degree of protection, go into the bathroom, close the door, and turn on the shower in a strong spray to “wash” the air. Seal any openings to the outside of the bathroom. Don’t worry about running out of air to breathe. That is highly unlikely in normal homes and buildings.

**Figure 6-3**

**MEDIA RELEASE C: Evacuation Preparation**

The Board of County Commissioners had declared an emergency situation in the vicinity of \_\_\_\_\_. Should the decision be made to evacuate your area, you should plan to be away from your home for \_\_\_\_\_ or less. You should now begin thinking about where you would stay and the necessities you may wish to take with you.

You should review any evacuation instructions on hand which may have previously been supplied by local officials. This station will broadcast instructions if evacuation is ordered.

The following items are recommended as evacuation supplies:

1. Two (2) blankets per person, or a sleeping bag.
2. Change of clothing.
3. Important papers (checkbook, etc.)
4. Medicine, particularly special medication.
5. Toilet articles.

We repeat that evacuation has not yet been recommended. These are only preparatory instructions.

**NOTE TO CORRESPONDENTS:**

This message has been issued by authority of the Board of County Commissioners. Additional information may be obtained from:

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Date/Time of issue:

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Issued by:

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**Figure 6-4**

**MEDIA RELEASE D: Evacuation Notice**

The Board of County Commissioners has issued an order directing the immediate evacuation of \_\_\_\_\_.

Local emergency management authorities have begun the evacuation of this area. This evacuation order was issued in response to the reported release of hazardous material by \_\_\_\_\_.

Persons living in the affected area should follow the instructions given below:

1. Take the following items with you:
  - a. Two (2) blankets per person, or a sleeping bag.
  - b. Change of clothing.
  - c. Important papers (checkbook, etc.)
  - d. Medicine, particularly special medication.
  - e. Toilet articles.
2. Lock your home. Turn off electricity, gas and water.
3. Go to \_\_\_\_\_. Follow the evacuation route nearest you. Do not move against traffic.
4. Time is important, but move safely.
5. Persons not having transportation should notify the \_\_\_\_\_.
6. Persons immediately outside of the affected area are not subject to a direct hazard; however, these persons should remain alert to any possible changes in instructions resulting from changes in wind direction or accident conditions. Stay by your radio or TV. Persons outside the affected area are also asked not to travel on or near routes being used for evacuation. These routes are:

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**NOTE TO CORRESPONDENTS:**

This message has been issued by authority of the Board of County Commissioners. Additional information may be obtained from:

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Date/Time of issue:

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Issued by:

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**Figure 6-5**

**MEDIA RELEASE E: Evacuation Follow-Up**

During the period of evacuation, law enforcement officers will patrol the evacuated areas to protect homes and businesses. No unauthorized persons will be allowed in the evacuated areas.

County officials will monitor the affected areas continuously. When conditions are determined safe, you will be notified to return home. Transportation will again be provided for those in need.

**NOTE TO CORRESPONDENTS:**

This message has been issued by authority of the Board of County Commissioners. Additional information may be obtained from:

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Date/Time of issue:

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Issued by:

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**Figure 6-6**

**MEDIA RELEASE F: All Clear**

The Board of County Commissioners has announced that the emergency conditions at \_\_\_\_\_ have ended. It is now safe to return to your residence and/or business. Repeating....the emergency conditions in the area of \_\_\_\_\_ have now ended. You may return home and resume normal activities. There is no longer any threat to persons in the area.

If you need additional information, you may contact \_\_\_\_\_.

**NOTE TO CORRESPONDENTS:**

This message has been issued by authority of the Board of County Commissioners. Additional information may be obtained from:

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Date/Time of issue:

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Issued by:

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**Figure 6-7**

**MEDIA RELEASE G: School Evacuation**

The Superintendent of Schools, County School Board has issued an order directing the immediate evacuation of \_\_\_\_\_ School. School authorities have begun the evacuation of children to \_\_\_\_\_.

Parents of children attending \_\_\_\_\_ School are advised to pick up their children at \_\_\_\_\_.

If you need additional information, you may contact \_\_\_\_\_.

**NOTE TO CORRESPONDENTS:**

This message has been issued by authority of the Board of County Commissioners. Additional information may be obtained from:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date/Time of issue:

\_\_\_\_\_

Issued by:

\_\_\_\_\_

### **6.3.4 Misinformation and Rumor Control**

Misinformation and rumors may occur during any emergency scenario. As a preventive measure, and when deemed appropriate by the head of the EOC, a "Citizens' Hotline" may be activated for the duration of an incident to respond to public inquiries, for rumor control and to assess public attitudes during a hazardous materials incident. The television and radio media will be asked to assist in advertising the Hotline.

## **6.4 PUBLIC EDUCATION**

The LEPC maintains a resource center for information to help educate the public about hazardous materials. Materials include brochures on the EPCRA program, a flyer on what to do during an incident, and awareness videos. On occasion there may be opportunities to distribute materials through mailings, public safety events, and LEPC staff presentations. LEPC staff responds to public inquiries on a routine basis.

Each year the State and LEPCs promote activities during EPCRA Week for general public and facility education regarding hazardous materials. Activities at the LEPC are contingent upon available funding, facility contributions and committee volunteerism.

In accordance with the 1996-1997 Hazardous Materials Emergency Planning (HMEP) program, the District 6 LEPC elected to conduct several community workshops to augment existing public education efforts. The objectives of these workshops did not solely focus on the dissemination of general information to the public. They also focused on issues such as educating 302 facilities on OSHA regulations regarding chemical process safety and providing awareness and educational opportunities for learning about haz mat emergency response and how hazardous chemicals are used in our communities. Responses from workshop participants reinforced the notion that public education efforts, prepared with the target audience in mind, are valued and needed for facilities and the general population.

## **6.5 PUBLIC ACCESS to FACILITY RECORDS**

The following information is available from the SERC and the eleven LEPCs to the public for viewing and copying during business hours, pursuant to Section 324 of the Emergency Planning and Community Right-To-Know Act, Title III of the Superfund Amendments and Reauthorization Act. The LEPC advertises a "notice of public availability" throughout the District annually on the first Sunday of March. Rule chapter 9G-14, Florida Administrative Code, outlines applicable fees for reproduction of EPCRA public record information.

- Tier II Chemical Inventory Forms

- County Hazardous Materials Emergency Plans
- LEPC Hazardous Materials Emergency Plans
- Emergency Follow-Up Notices on '304' incidents

NOTE: Toxic Chemical Release Inventory Forms are available only from the SERC or EPA - Atlanta.

Fire departments receive Tier II forms from facilities, however, they are not required to provide public access to EPCRA information, as stated under Section 252.88(3), Florida Statutes.

The LEPC maintains a copy of the State's *HMIS, Hazardous Materials Information System*, for this District. The database is updated approximately quarterly. The HMIS database includes information on "302" facilities in the District. Information may be printed and searched for in different ways. The database capabilities are improved as time and funding allow.

## Chapter 7 EMERGENCY FACILITIES AND EQUIPMENT

### 7.1 GENERAL

This Chapter describes the emergency response facilities, identifies supplies and equipment designated for emergency response, and identifies the essential personnel and organizations that are anticipated to respond to emergencies. Please refer to the County Plans for additional information.

### 7.2 EMERGENCY RESPONSE FACILITIES AND PERSONNEL

#### 7.2.1 Emergency Operations Centers (EOCs)

*Potential emergency condition*  
*Limited emergency condition*

The EOC is generally not activated. Essential county officials will report to the EOC.

*Full emergency condition*

The county EOC will be fully staffed and activated.

#### **Brevard County EOC**

The county EOC is located at 1746 Cedar Street, Rockledge, adjacent to the County Health Department offices. The EOC is the center for overall coordination of local response to any major emergency. The EOC has auxiliary power and logistical provisions to support emergency operations. EOC staffing will include representatives from the following:

Board of County Commissioners; County Administrator; County Office of Emergency Management; Office of the Sheriff; Municipal Police Departments; County Health Department; Fire/Rescue Department; Engineering and Public Works Department; County School Board; Space Coast Area Transit; Facility Owner/Operator; and the American Red Cross.

#### **Lake County EOC**

The county EOC is located at the Emergency Service Communications Center, at 315 West Main Street, Tavares, FL 32778-7800. The EOC is the center for overall coordination of local response to any major emergency. The EOC has auxiliary power and logistical provisions to support emergency operations. EOC staffing will include representatives from the following:

Board of County Commissioners; County Manager; Emergency Management Division; County Public Works; Sheriff Department; Emergency Medical Services; Red Cross; Facility Owner/Operator; County Health Department; County Environmental Services; County School Transportation Department; Lake-Sumter Mental Health Transportation; 911 and County Fire Protection

### **Orange County EOC**

The county EOC is located at 6600 Amory Court, Winter Park, and houses communications for both County Fire and Sheriff. The EOC is the center for overall coordination of local response to any major emergency. The EOC has auxiliary power and logistical provisions to support emergency operations. EOC staffing will include representatives from the following:

Orange County Chairman; Board of County Commissioners; Office of the County Administrator; County Office of Emergency Management; Office of the Sheriff; Municipal Police Departments; County Health Department; County Fire/Rescue Division; Public Works and Development Division; County School Board; Emergency Medical Services; Transportation Authority; Facility Owner/Operator; and the American Red Cross.

### **Osceola County EOC**

The county EOC is located at 320 North Beaumont Avenue, Kissimmee. The EOC is the center for overall coordination of local response to any major emergency. The EOC has auxiliary power and logistical provisions to support emergency operations. EOC staffing will include representatives from the following:

Board of County Commissioners; Office of the County Administrator; County Department of Public Safety; Office of the Sheriff; Municipal Police Departments; County Health Department; Kissimmee Fire Department; St. Cloud Fire Department; Volunteer Fire Departments; Engineering and Public Works Department; County School Board; Emergency Medical Services; Facility Owner/Operator; and the American Red Cross.

### **Seminole County EOC**

The county EOC is located at 150 Bush Boulevard, Sanford, at the Seminole County Operations Complex (Five Points). The EOC is the center for overall coordination of local response to any major emergency. The EOC has auxiliary power and logistical provisions to support emergency operations. EOC staffing may include representatives from the following:

Board of County Commissioners; Office of the County Manager; County Department of Public Safety; Seminole County Sheriff's Office; County and municipal fire departments (as appropriate); Municipal police departments (as appropriate); Environmental Services Department; Health and Human Services Department; Public Works Department; County School Board; Seminole County Chapter of American Red Cross; Facility Owner/Operator; and the State Warning Point.

## Volusia County EOC

The county EOC is located at 49 Keyton Drive, west of Daytona Beach. The EOC is the center for overall coordination of local response to any major emergency. The EOC has auxiliary power and logistical provisions to support emergency operations. EOC staffing will include Hazardous Materials Advisory Group Members and the facility owner/ operator.

### State Emergency Operations Center

The Division of Emergency Management is responsible for providing and staffing the State Emergency Operations Center (SEOC) The SEOC is the center for coordination of state response for any major emergency. It is located within the Division of Emergency Management (DEM) offices at 2555 Shummard Oak Boulevard, Tallahassee, Florida. During a limited emergency condition, essential personnel will report to the State EOC. Upon declaration of a full emergency condition, the State EOC will be fully activated to coordinate all state operations and establish communications with involved county EOCs.

#### 7.2.2 On-Scene Command Post

In the event of an emergency, the first responding unit at the site may establish an on- scene command post. The Incident Commander at the on-scene command post will be the senior responding officer and he shall coordinate and control on-scene emergency operations.

#### 7.2.3 Hazardous Materials Response Teams

A = combination of operations / technician level trained staff and a special haz mat response vehicle.

B = limited haz mat response capability at the present time.

BREVARD COUNTY		
A	1. Brevard County Public Safety	Chief Steve Johnson
A	2. Cape Canaveral Fire Dept.	Chief Gerald Wimberly
A	3. Palm Bay Fire Dept.	Chief Larry Hellmann
A	4. Rockledge Fire Dept.	Chief Richard E. Allen
LAKE COUNTY		
A	5. Lake County Fire Rescue	District Chief Randy Jones
ORANGE COUNTY		

A	6. Orange County Fire Rescue	Lt. James Kasper, Lt. Charles Walsh
A	7. Apopka Fire Dept.	District Cmdr. Richard Anderson
A	8. Orlando Fire Dept.	Chief Charles B. Walker
A	9. Winter Park Fire Dept.	Chief James White
OSCEOLA COUNTY		
B	10. Osceola County Public Safety	Cpt. Tad Stone
B	11. Kissimmee Fire Dept.	Cpt. Robert King
SEMINOLE COUNTY		
A	12. Seminole County Fire Rescue	Chief Malcolm Trigg
B	14. Oviedo Fire Rescue	Chief Wayne J. Martin
VOLUSIA COUNTY		
A	15. Volusia County Fire Rescue	Lt. Nick Castelli

## 7.3 EQUIPMENT AND RESOURCES

### 7.3.1 Equipment

The county Fire/Rescue Department should have the following equipment which will be used in response to emergencies involving the release of hazardous materials: (NOTE: See County Plans for specific list of existing equipment and resources in each county.)

- Chemical suits
  - 1 PVC
  - 1 Viton
  - 1 Teflon
  - 1 Chlorinated polyethylene (CPE)
- Butyl rubber
- Air masks and tanks
- In-suit radios
- Portable hand-held radios
- Combustible gas detectors
  - MSA 2A bulb type
  - Draeger detection tube
  - Tritector
- Recovery drums
  - 85 gallon drum
  - 55 gallon drum

- Vetter bags (assorted)
- Chlorine kits
  - Cl 150-pound cylinder
  - Cl one-ton container
- Pipe frame simulator
- Hand tools (assorted)
- Resource manuals (assorted)
- Area maps (assorted)

In support of county emergency operations, each of the facilities subject to the requirements of EPCRA will maintain the following emergency equipment:

- Foam (protein, AFFF and alcohol)
- Nozzles and eductors
- Reference books
- Minimum of two proximity or entry suits
- Assorted hand tools
- Plug and patch kits
- Ph meter or tape
- Explosive gas meter
- Wind sock
- Self-contained breathing apparatus and spare tanks
- Radio (CB, fire or police)
- Area maps
- Ladders, hose, forcible entry tools
- Gas detectors
- Recovery drums, brooms, shovels
- Absorbent material
- Spare valves, fittings, etc.
- Piping materials, drains (PVC pipe)
- Chlorine kit(s)
- Safety valve protectors
- Paper, tags, pencils, greasepens, shipping tags, etc.

### **7.3.2 Laboratory Analytical Support**

The county health departments have a limited capability for laboratory and analytical support of emergency operations in the event of a major chemical release. Specific capabilities for the analysis of hazardous materials include the following:

inorganics	cyanides
nitrates	601 series of volatile organic
fluorides	compounds
nitrites	602 series of VOCs

sulfates  
phosphates

610 polycyclic aromatics  
608 pesticides, PCB

The region is equipped with adequate laboratory and analytical support for emergency operations in the event of a major chemical release. State and private resources would be heavily depended upon.

Should there be an occurrence in which analytical support is needed, the County Director of Emergency Management would be responsible for contacting laboratories for assistance. A list of private contractors capable of providing laboratory support is provided in Figure 7-1.

The Department of Environmental Protection (DEP) has arranged with private response contractors located throughout Florida to provide response personnel and equipment, including mobile analytical laboratories for major chemical releases which occur in inland areas of the state, as well as in coastal and navigable waters.

The Department of Children and Family Services has public health laboratories in Pensacola, Tallahassee, Jacksonville, Orlando, Tampa, West Palm Beach and Miami. The laboratories provide diagnostic, reference, emergency and research public health laboratory services to county public health units, program components, physicians, hospitals and private laboratories.

Facilities responsible for the release often have the specialized equipment for monitoring purposes. Air, water and soil samples may be collected and taken to the facility's laboratory for analysis with sophisticated analytical instruments.

### **7.3.3 Other Technical Support**

**ATSDR** - The Agency for Toxic Substance and Disease Registry (ATSDR) maintains a 24-hour hotline that links responders with medical professionals. ATSDR will provide a link with an emergency response coordinator who can give advice on immediate actions. ATSDR also provides access to a Preliminary Assessment Team consisting of toxicologists, environmental health scientists, chemists, physicians and others as needed. If the incident demands it, within eight hours ATSDR can send an on-site response team to manage the medical response. (404) 639-0615

**CHEMTREC** - The Chemical Transportation Emergency Center is operated by the Chemical Manufacturers Association and provides information and/or assistance to emergency responders. CHEMTREC will contact the shipper or producer of the material to obtain detailed information or on-scene assistance. (800) 424-9300

**Florida Poison Information Center** - The center has a trained staff of poison information specialists and toxicologists and an extensive database (TOMES) concerning the medical effects produced by extremely hazardous substances. In addition, staff can provide to first responders' technical support relative to the properties of hazardous chemicals and has faxing capability. Staff are on duty 24 hours a day. The center can send information concerning the released chemicals to area hospitals in preparation of receiving patients. (800) 282-3171.

**Manufacturers' Technical Bulletins** - Manufacturers' technical bulletins are the best single source of general information about the chemical in question. It also contains the most recent data about the chemical.

**Material Safety Data Sheets** - Anyone using or storing a hazardous material in the State of Florida is required to have and make available, upon demand, a Material Safety Data Sheet on each chemical at that facility. This applies to fixed facilities only. This sheet provides information on contents, health and safety, fire, reactivity, disposal, spill control, clean up procedures and other information that is invaluable to responders.

**OHM-TADS** - The Oil and Hazardous Materials Technical Assistance Data Systems is a collection of interactive computer programs which can provide the necessary technical support for the assessment of potential or actual dangers encountered as a result of the release of a hazardous substance. OHM-TADS can be accessed at the 10 EPA regional offices, EPA headquarters in Washington, and the Coast Guard Marine Safety Offices. OHM-TADS can provide either information on specifically requested properties of a material, or can print all the information in its files for that material.

**CAMEO** - CAMEO is a computer program developed by the National Oceanic and Atmospheric Administration (NOAA), Hazardous Materials Response Branch. The program provides HMRTs with the ability to:

- a. Draw/display detailed maps of geographic areas, facility sites and floor plans;
- b. Access an extensive resident chemical database (approximately 4,000 chemicals);
- c. Identify chemicals when only partial information is known or available;
- d. Determine the area likely to be affected by a release. It can aid in predicting the direction and concentration of plumes resulting from airborne releases; and
- e. Provide detailed information on hazards, response information and properties for numerous hazardous substances.

**FIGURE 7-1**  
**Guidelines for Calling CHEMTREC**

TELEPHONE 1-800-424-9300

WHEN TO CALL CHEMTREC:

1. Unfamiliar or unidentified materials are involved.
2. Unidentified shipper.
3. Verification of technical information is needed.
4. Incident of significant proportions has occurred.
5. Two or more chemicals are mixing in uncontrolled conditions.

INFORMATION REQUIRED BY CHEMTREC:

1. Names of Product(s)
  - a. Names of hazardous materials involved.
  - b. Physical description of chemicals (powder, liquid, gas, etc.)
  - c. Quantity involved (gallons or pounds only).
  - d. Container type and condition of container (barrel, cylinder, can, etc.)
  - e. Container material(s) (steel, aluminum, plastic, cardboard, wood, fiberglass, rubber lined tanks, epoxy lined tanks, etc.)
  - f. Are additional hazardous materials involved/exposed by the incident?
2. Problems
  - a. Type of incident (fire, explosion, leak, spill, etc.).
  - b. Time of incident (time incident started).
  - c. Number and types of injuries to people/animals/plants.
  - d. Threat to environment.
3. Contact Information
  - a. Callers name, organization, and location (city/state).
  - b. Call back numbers (give at least two phone numbers).
4. Location (city/state)
  - a. Weather and temperature conditions. Indicate if weather is expected to change in next four hours and what change is expected to be.
  - b. Is incident in a populated or open area (urban/rural)?
5. Shipping Information
  - a. Carrier and mode (railroad, truck, barge, ship, airplane, etc.).
  - b. Number off of carrier vehicle (rail car number, truck trailer number, aircraft ID number, vehicle tag/state, ship ID number/name, etc.).
  - c. Destination (who shipment is being sent to, consignee).
  - d. Origin (where shipment came from, consignor).
  - e. Bill of lading/waybill/consist/manifest/etc. number.
6. Other
  - a. Placards, labels, or other warnings displayed.
  - b. Any identifying markings, container shapes, names or numbers on containers, colors of containers, etc.

## **CHAPTER 8 ACCIDENT ASSESSMENT**

### **8.1 GENERAL**

This chapter describes responsibilities and procedures for assessing the off-site impacts of an emergency involving the release of hazardous materials and its effects on the health and well being of the residents and visitors to the county. For additional information please refer to the County Plans.

### **8.2 INITIAL ASSESSMENT**

The initial accident assessment will be performed by the facility owner/operator as soon as possible after the accident. The results of the assessment will be reported immediately to local and state emergency response organizations in accordance with Section 4.0 of this plan. Until the arrival of off-site emergency response personnel, the facility owner/operator will assess actual and potential off-site consequences and provide the results of this assessment to the county 24-hour warning point.

Upon arrival by off-site emergency personnel, the responsibility for assessing the impacts or potential impacts or potential impacts of a release will be assumed by the lead local agency. This may be the designated incident commander operating from an on- scene command post, or the director of the county Division of Emergency Management operating from the EOC.

The lead agency's assessment should include, but is not limited to the following:

- identification of the nature, amount and location of released materials;
- evaluation by the County Health Department (or State Department of Health and Rehabilitative Services) of the threat to human health;
- identification of potentially responsible party(ies);
- determine the probable direction and time of travel for released materials;
- identification of possible exposure pathways for humans and the environment;
- identification of potential impacts on human health and safety, the environment, natural resources and property; and
- identification of priorities for protected public health, safety and the environment.

### **8.3 ASSESSMENT AND MONITORING**

#### **8.3.1 Resources and Capabilities**

Assessment and monitoring within the vulnerable zone surrounding the facility from which hazardous materials were released will be provided by the county health department's Division of Environmental Engineering and Sciences.

Public health concerns will be assessed by the health department's Division of Environmental Health. Additional assistance and support in assessing the environmental and public health consequences of a release of hazardous materials from the State's Departments of Environmental Regulation and Health and Rehabilitative Services, respectively.

The county Division of Emergency Management will maintain a current listing of local, state, federal and private resources capable of assessing and monitoring the effects of a hazardous materials release. Laboratory support and equipment available for use by field monitoring personnel are identified in Section 7.0 of this plan.

### **8.3.2 Activation of Field Teams**

Upon receipt of notification of an emergency involving the release of hazardous materials, the county Division of Emergency Management will contact the facility's emergency coordinator to verify the existence of an emergency. Upon verification, the director of the county Division of Emergency Management will contact the director of the county Health Department to discuss appropriate assessment actions.

The director of the county Health Department will use existing information in accordance with established procedures to evaluate the potential for off-site exposure and to determine the adequacy of any protective actions. Based upon the results of the above, the director of the county Health Department will recommend whether to activate assessment and monitoring personnel. The decision to deploy assessment and monitoring personnel will be made by the Chairman, BCC, after consultation with the directors of the county Health Department and the county Division of Emergency Management. The facility from which hazardous materials are released is responsible for providing technical support to local, state and federal monitoring teams.

### **8.3.3 Coordination of Assessment and Monitoring Activities**

The mission of the county Health Department in the event of a hazardous materials emergency will be to:

- Evaluate the potential exposure projections to persons off-site which may result from the emergency.
- Make recommendations to the Chairman of the BCC regarding appropriate protective actions.
- Conduct field monitoring to prepare and confirm projections.
- Evaluate potential exposure resulting from contamination of materials in the vulnerable zone surrounding the facility.

- Evaluate exposure to emergency personnel resulting from operations related to the emergency.
- Establish appropriate operational dose limits and maintain permanent records of dose received.
- Evaluate exposure and appropriate limits for recovery, re-entry and post-accident operation.

When assessment and monitoring personnel reach their assigned location, accident assessment will be based on field monitoring results, the current meteorological conditions, facility condition, facility prognosis and any other relevant information.

Data collected in the field will be transmitted to the EOC to be evaluated by the director of the county Health Department. These evaluations will be provided to the Chairman of the BCC at the EOC for use in decision-making, and as a basis for recommendations for protective actions. Summaries and recommended protective actions will be forwarded to the State EOC and surrounding counties.

Monitoring of the affected area(s) and recommendations of protective actions will continue until exposure levels have decreased to the point that recovery and re-entry are considered safe.

### **8.3.4 Additional Assessment and Monitoring Support**

When it is determined that a hazardous materials emergency cannot be adequately controlled with resources available to County response personnel, a request will be forwarded to the Governor for the additional resources needed. The request will contain the following information:

- Description of the problem
- Type of resources needed
- Where the resources need to be delivered
- Clear direction to assembly point or point of delivery
- Estimated time the resources will be needed
- If resources include people, arrangements for housing, etc.

If the Governor concurs with the need for assistance as requested, will direct the State Division of Emergency Management to locate the resources and request the specified assistance. If it is determined that the requested assistance is not available at the state level, the Governor may request federal assistance through the appropriate federal agency.

## Chapter 9 EXPOSURE CONTROL FOR EMERGENCY WORKERS

### 9.1 GENERAL

This chapter establishes the means and responsibilities for controlling hazardous materials exposure to emergency workers. Local emergency response organizations will limit exposure to emergency workers by:

1. limiting the amount of time spent in hazardous areas;
2. limiting entry into hazardous areas to the maximum extent possible; and
3. using protective clothing and equipment.

Because they are frequently the first on the scene, firefighters and law enforcement personnel should use proper safety precautions when approaching a hazardous materials incident. First response personnel should have copies of the U.S. Department of Transportation's Hazardous Materials Emergency Response Guidebook and should know how to find and interpret shipping manifests.

### 9.2 EXPOSURE MONITORING

After notification that a release has occurred, it is crucial to monitor and assess its impact, both on-site and off. A detailed log of all sampling results should be maintained and health officials should be kept informed of the situation. Decisions about response personnel safety, citizen protection, and use of food and water in the area will depend upon an accurate assessment of spill or plume movement and concentration.

Both initial and periodic monitoring are required at hazardous materials incidents. Initial monitoring must be conducted to identify any immediate dangers to life or health (IDLH) concentrations or other dangerous situations, such as the presence of flammable atmospheres, oxygen-deficient environments, and toxic contaminants. Once chemicals have been identified, standard information sources such as NIOSH Pocket Guide to Chemical Hazards and CHEMTREC (Chemical Transportation Emergency Center) should be consulted to identify potential hazards, recommended exposure limits (RELs), permissible exposure limits (PELs), emergency action, personal protective equipment, and first aid procedures. MSDSs should be consulted for information including: manufacturer's name, chemical synonyms, trade name, chemical family, hazardous ingredients, physical data, fire and explosion hazard data, health hazards, reactivity data, spill or leak procedures, special precautions, and special protection information.

Local governments should institute a medical surveillance program for all emergency workers who are or may be exposed to hazardous substances or health hazards above the established recommended exposure limits (RELs) for 30 or more days in a 12-month period, or who wear respirators 30 days or more a year. medical examinations must be available for all emergency workers who may have

been exposed to concentrations of hazardous substances above the recommended exposure limits. An accurate record of medical surveillance must be retained..

### **9.2.1 EPA Levels of Protection**

Based on the results of the preliminary evaluation, personal protective equipment must be selected and used. The selection process is aided by consulting the Department of Transportation's Hazardous Materials Emergency Response Guidebook and CHEMTREC. No single combination of protective equipment and clothing is capable of protecting against all hazards. Generally, the greater the level of personal protective equipment used, the greater the risk to the worker from such hazards as heat stress, physical and psychological stress, impaired vision, mobility and communication. Therefore, equipment should be selected that provides an adequate level of protection, but not over- protection.

The U.S. Environmental Protection Agency (EPA) has identified four levels of protection of emergency workers. A - B - C - D

**Level A** (Chemical Protective Clothing and Equipment) will protect the wearer against the specific hazard for which it was designed. The special clothing may afford protection only for certain chemicals and may be penetrated by chemicals for which it was not designed. Do not assume any protective clothing is fire resistant unless it is specifically stated by the manufacturer. Full-encapsulated protective clothing (cocoons) can be used for no-fire spills and leaks requiring evacuation of people, but offer little or no thermal protection.

Level A Recommended Personal Protective Equipment includes:

1. Pressure-demand, full facepiece self- contained breathing apparatus (SCBA) or pressure-demand supplied-air respirator with escape SCBA;
2. Fully-encapsulating, chemical-resistant suite;
3. Inner chemical-resistant gloves;
4. Chemical-resistant safety boots/shoes;
5. Two-way radio communications; and
6. Optional: cooling unit, coveralls, long cotton underwear, hard hat, disposable gloves and boot covers.

**Level B** (Firefighters Protective Clothing- structural) provides protection by restricting inhalation of, ingestion of, or skin contact with hazardous vapors, liquids, and solids. This clothing may not provide adequate protection from poisonous vapors or liquids encountered during hazardous materials incidents. This is the minimum level recommended for initial site entries until the hazards have been completely identified.

Level B Recommended Personal Protective Equipment includes:

1. Pressure-demand, full facepiece self- contained breathing apparatus (SCBA) or pressure-demand supplied-air respirator with escape SCBA:

2. Chemical-resistant clothing (either overalls and long-sleeved jacket, hooded one- or two- piece chemical splash suit, or disposable chemical resistant one-piece suit);
3. Inner and outer chemical resistant gloves;
4. Chemical-resistant safety boots/shoes;
5. Hard hat;
6. Two-way radio communications; and
7. Optional: coveralls, disposable boot covers, face shield, long cotton underwear.

**Level C** protective equipment provides the same level of skin protection as Level B, but a lower level of respiratory protection. When using this equipment, the atmosphere must contain at least 19.5 percent oxygen.

Level C Recommended Personal Protective Equipment includes:

1. Full-facepiece, air-purifying canister- equipped respirator;
2. Chemical-resistant clothing (either overalls and long-sleeved jacket, hooded one- or two- piece chemical splash suit, or disposable chemical-resistant one-piece suit);
3. Inner and outer chemical resistant gloves;
4. Chemical-resistant safety boots/shoes;
5. Hard hat;
6. Two-way radio communications; and
7. Optional: coveralls, disposable boot covers, face shield, escape mask, long cotton underwear.

**Level D** protective equipment provides no respiratory protection and only minimal skin protection. This level should not be worn in the Exclusion Zone.

Level D Recommended Personal Protective Equipment includes:

1. Coveralls;
2. Safety boots/shoes;
3. Safety glasses or chemical splash goggles;
4. hard hat; and
5. Optional: gloves, escape mask, face shield.

### **9.2.2 Exposure Records**

Each emergency worker is responsible for maintaining his/her exposure record form and returning it to the supervisor at the end of the emergency. All emergency worker exposure will be made a part of his/her permanent record, with a copy retained by the worker. A hazardous materials exposure form is provided in Figure 9-1.

### **9.3 AUTHORIZATION OF EXPOSURE IN EXCESS OF PROTECTIVE ACTION GUIDES**

The Chairman of the Board of County Commissioners will, if necessary, authorize exposure of county emergency personnel to exposure levels more than established recommended exposure limits (RELs) after consulting with CHEMTREC. These situations would be limited to lifesaving actions requiring search and removal of injured persons or entry to protect conditions that would probably injure large numbers of individuals and to less stressful circumstances where it is desirable to enter a hazardous area to protect facilities, prevent further release, or control fires. Authorized exposure will not exceed OSHA Ceiling Concentrations (C) at any time.

### **9.4 DECONTAMINATION**

Decontamination will be performed by trained fire department personnel in accordance with established standard operating procedures. All workers must be decontaminated when leaving a contaminated area. Since methods to be used change from one chemical to another, shippers and medical authorities should be contacted to determine the most appropriate way of decontamination. All equipment and clothing from a contaminated area should be stored in a controlled area near the incident site until decontamination or proper disposal.

Contaminated equipment, such as buckets, brushes, tools, etc., should be placed in containers and labeled. Partially decontaminated clothing should be placed in plastic bags pending further decontamination or disposal. Respirators should be dismantled, washed, and disinfected after each use.

Water used for tool and vehicle decontamination will be allowed to run into suitable collection ditches, holding ponds, and other secure areas. Areas used for decontamination will be monitored for residual contamination. Any site found to be contaminated will be sealed off under the control of the county public health department and county law enforcement agencies. These sites will be decontaminated with the assistance of Department of Environmental Regulation personnel and other appropriate federal and state agencies.

Personnel who are injured in the affected area of a hazardous materials emergency will be treated as possible contamination victims until a positive determination can be made. Emergency medical personnel will take precautions to prevent the spread of contamination on an injured person, to medical support personnel, and to medical equipment until the injured person can be transported to a medical facility with injury decontamination capabilities.

**FIGURE 9-1  
HAZARDOUS MATERIALS EXPOSURE FORM**

Name

Dept/Agency

Age

Date of Birth

Social Security Number

<b>DATE</b>	<b>LOCATION</b>	<b>CHEMICAL HAZARD</b>	<b>DURATION OF EXPOSURE</b>

## **CHAPTER 10 PROTECTIVE ACTIONS**

### **10.1 GENERAL**

The purpose of this chapter is to establish the range of protective actions that are available to state and local governments for the protection of the public. Protective actions, which may be initiated to provide for the safety of the public, may include any or all of the following:

Notification of affected residents and transients to seek immediate in-place shelter;

Evacuation of transients and residents within designated sectors exposed to a plume of hazardous materials to shelter areas outside the affected area; and

Control of entrance into affected areas.

Implementation of procedures to prevent the consumption and distribution of contaminated food and water supplies.

Implementation of procedures to decontaminate persons exposed to hazardous materials.

### **10.2 VULNERABLE ZONES**

A vulnerable zone (VZ) is an estimated geographical area that may be subject to concentrations of an airborne extremely hazardous substance (EHS) at levels that could cause irreversible acute health effects or death to persons within the area following an accidental release. Vulnerable zones are based on estimates of the quantity of an EHS released to air, the rate of release to air, airborne dispersion and the airborne concentration that could cause irreversible health effects or death.

### **10.3 LEVELS OF CONCERN**

A level of concern (LOC) is the concentration of an EHS in the air above which there may be serious irreversible health effects or death as a result of a single exposure for a relatively short period of time. The precise LOC for each EHS is listed in APPENDIX A, List of Extremely Hazardous Substances and Data for Hazards Analysis.

For the purpose of this plan, an LOC has been estimated by using one-tenth (0.10) of the "Immediately Dangerous to Life and Health" (IDLH) level published by the National Institute for Occupational Safety and Health (NIOSH), or one-tenth of an approximation of the IDLH from animal toxicity data. The toxicity guidelines for extremely hazardous substances are found in Appendix C.

## **10.4 EVACUATION**

Authority to issue an immediate evacuation order for any vulnerable zone is delegated to the senior incident commander (on-scene) within a given jurisdiction if the health and safety of persons within the critical evacuation area is in imminent danger. Evacuation of all or any part (i.e., downwind) of a vulnerable zone will be by geographic boundaries. Persons residing in a vulnerable zone, which is ordered to be evacuated, will be instructed to evacuate according to the evacuation plan outlined in Section 10.4.1.

All evacuation routes will lead citizens toward registration centers. Once at the centers, citizens will be screened for conditions requiring immediate medical attention, transported to medical facilities if necessary, and assigned to a shelter.

Strict traffic control measures will be utilized to permit ingress and egress of ambulances, fire/ rescue, and other emergency vehicles and equipment. County and municipal law enforcement personnel will control traffic along evacuation routes. Law enforcement personnel will block state roads as needed to prevent unauthorized use. Periodic patrols of the evacuation routes by law enforcement personnel will be used to maintain order, assist disabled evacuees and report route impediments to the County EOC.

All roadways along evacuation routes are surfaced. The only impediments to travel would be weather conditions and traffic congestion.

Hurricane high winds and tides would prevent evacuation along north and southbound coastal roads; however, for this event the windspeed would be more than 74 miles per hour and a plume requiring evacuation would be improbable. Traffic control points and barricades will be used to expedite the flow of traffic. Drawbridges will remain in operation in accordance with Coast Guard and Department of Transportation regulations. The routes will be monitored by police officers and Florida Highway Patrol. Should breakdowns occur, wreckers will be dispatched to the scene.

### **10.4.1 Evacuation Routes**

Refer to County Plans, Hazards Analysis.

### **10.4.2 Evacuation of the General Public**

The primary means of evacuating residents and transients from the vulnerable zones will be private automobiles. Households with more than one vehicle will be encouraged to take only one car to minimize traffic congestion. Announcements will be made via the broadcast media requesting that car-pooling arrangements be made to accommodate those without transportation of their own. Residents without

transportation will be picked up by buses and transported to the nearest decontamination/reception center.

Time estimates for evacuation of the general population in various sectors within the vulnerable zones under normal weather conditions and adverse conditions (see County Plans, Hazards Analysis).

#### **10.4.3 Evacuation for Special Needs**

The county Division of Emergency Management will keep a current listing of all special needs evacuees. During an evacuation this list will be utilized by the 9-1-1 communications team to inform people with special needs of the evacuation and dispatch appropriate transportation as needed. In the County, special needs evacuees who are not evacuated by private vehicles will be evacuated by ambulance and County vans and county transportation buses with wheelchair lifts. An alternate means will be by school buses, if available.

#### **10.4.4 Schools**

If evacuation is ordered during school session all school children located within the vulnerable zone will be placed on school buses and taken to pickup areas to be designated.

All children will remain under the control of school personnel until turned over to the parents at some point in the evacuation chain. School personnel will provide supervision of the children on buses and during the waiting period. At the pickup point, children will be monitored and decontaminated if necessary. School personnel will maintain a listing of the number of children picked up, and report this information every 30 minutes to the County EOC.

Once the students are safe, the school buses may be directed to pick up residents who are without transportation. Any school children not picked up within six hours after they have arrived at the reception center will be taken to shelter, and will remain under the supervision of County School Board personnel.

#### **10.4.5 Medical Facilities**

If required, medical facilities will be evacuated to facilities outside the vulnerable zone using hospital transportation supplemented by county- provided vans and school buses. No other medical facility nearer than Orlando or Miami could accommodate the additional patients in the case of a full-scale evacuation.

#### **10.4.6 Corrections Facilities**

Prisoners and inmates of corrections facilities will be evacuated to temporary housing. County transportation will be provided.

### **10.5 RECEPTION AND CARE**

Reception centers will be established for the purpose of expeditiously clearing evacuee traffic from the evacuation routes, initial screening of evacuees for contamination, and providing food service and health and medical care to evacuees.

After a previously agreed upon length of temporary shelter stay, evacuees will be mobilized and moved to other shelter locations or to temporary housing. When the emergency subsides, evacuees will be allowed to re-enter the affected area in accordance with established procedures.

Following the initial screening and any required decontamination, a preliminary registration consisting of name, address and telephone number will be conducted. Evacuees will then be assigned to shelters and provided with maps and routing instructions.

A second, more detailed registration of evacuees will be accomplished at shelters. Personal data on evacuees will be collected by American Red Cross representatives on registration forms in accordance with established procedures. Registration data will be tabulated and submitted to the County Emergency Operations Center.

Shelters are identified as primary and secondary and capacity is based on 40 square feet per occupant. School shelter capacity is further identified in terms of non-classroom and total. Non-classroom areas are those which would permit continuance of classroom schedules on a modified basis and the housing of evacuees simultaneously. Total capacity reflects the capability of the facility to shelter evacuees with the suspension of classroom activities.

### **10.6 SHELTERING (In-Place)**

In the event that a toxic cloud has become airborne and poses an immediate threat to persons attempting to evacuate, the decision to recommend taking shelter indoors instead of evacuation will be made by the Incident Commander. Residents will be notified to go indoors immediately, to close windows and doors, to turn off air conditioners and fans, and to remain inside until they receive further instructions. This decision will be made based upon the advice of the director of the county Public Health Department, time permitting. Notification to take shelter indoors will be issued by public address siren system, radio and television broadcast, and police, fire, emergency personnel using loudspeakers and other available means.

Protective actions for special needs facilities will be given separate consideration. Protective action instructions will be issued by the Incident Commander, who will request the County Division of Emergency Management to activate EBS and disseminate such instructions through the electronic media.

## Chapter 11 MEDICAL AND PUBLIC HEALTH SUPPORT [ESF #8 Health and Medical Services]

### 11.1 GENERAL

A hazardous materials release can present actual or potential health hazards to individuals within the affected area. Capabilities should be in place for treating exposed individuals. This chapter describes *the general framework* for delivery of medical services to victims of hazardous materials incidents involving more than one responding jurisdiction (city, county) This includes, but is not limited to: provisions for emergency on-scene care, transportation of victims to hospital emergency departments, walk-ins to hospital emergency departments, and responding to the needs of the general population who may be affected by the possible off-site impacts of an incident and potential evacuation.

### 11.2 MEDICAL SUPPORT

#### Coordination at Local Level for a Multi-jurisdictional Response

A hazardous materials accident of significant proportion will activate the Incident Command system and response is likely to involve more than one jurisdiction. Haz Mat teams throughout the District are shown in Chapter 7 (Figure 7-3 and 7.2.3).

***Incident Commander*** Under emergency conditions, ambulance, and other emergency medical vehicle resources will be under the control of the Incident Commander of the authority having jurisdiction until such time as the need no longer exists. Specific Incident Command activities may vary according to the county of jurisdiction.

#### ***County Medical Disaster Coordinator and/or Medical Sector of Incident Command***

- This is the essential person(s) within the Incident Command structure who will coordinate the delivery of medical support services from the scene command post and/or the County Emergency Operations Center as appropriate. General medical emergency response includes the following guidelines.
- All medical/rescue agencies will operate from their normal bases of operation as long as possible during the period of emergency. The Coordinator should be kept informed of each vehicle's location and status.
- In the event of imminent hazard to EMS personnel, they will seek safe shelter for themselves and their equipment. Following the shelter period, all

personnel will return to their bases of operation and report their status to the Coordinator.

- Ambulance and medical/rescue units performing on-site duties in a jurisdiction other than their own will, unless otherwise directed by proper authority, operate under the tactical control of the ranking Fire/Medic officer in whose jurisdiction the operation is located.
- If there is no Fire/Medic officer, the on-site senior Emergency Medical Technician or Paramedic will be responsible for patient care until such time as the Fire/Medic officer becomes available.

### **Communication**

Under the direction of the County Medical Disaster Coordinator and/or Medical Sector of Incident Command, the communications center that is managing the incident will:

- coordinate and dispatch vehicles and personnel to the areas requiring on-site medical assistance;
- coordinate all ambulance and fire/rescue vehicles during emergency medical operations, and;
- maintain two-way radio communications between the medical rescue units and the hospitals;
- facilitate transmittal of medical resource data from assisting agencies/sources.
- coordinate patient transport to available medical receiving facilities.

Communication systems include the 800 Mhz system, the Hospital / Emergency Ambulance Radio (HEAR) network, the Ultra-High Frequency (UHF) Cardiac Telemetry Radio network, and commercial telephone and fax lines.

### **Hospitals**

The EMS Director maintains information on the number of bed spaces and the levels of service available in each hospital. The EMS Director will, in turn, keep the Director of Public Safety informed of the conditions of the hospitals. Hospitals are identified in Figure 11-1 including a notation on permanent or temporary decontamination capability and trauma center level, if applicable.

Figure 11-1 lists,

- Hospitals that would potentially receive victims of a hazardous materials incident.
- Emergency medical services (ambulance transport) that provide "advanced life support" (ALS), certified by FDHRS.

### **Coordination with State DEM and other agencies**

In the event that state assistance is required, the State Division of Emergency Management (DEM) will activate ESF #10 Hazardous Materials, which in turn activates the appropriate DHRS district personnel. Coordination of the delivery of all state medical and health support services to the victims of hazardous materials incidents is the responsibility of the DHRS. The DHRS Director for each of the DHRS districts is responsible for assuring the Secretary of DHRS that adequate medical and health support services exist for treating and transporting victims of hazardous materials incidents to medical support facilities.

**FIGURE 11-1:  
Hospitals and Ambulance Service (ALS) by County  
(Certified by HRS for Advanced Life Support, ALS)**

**BREVARD COUNTY ~ Hospitals and Ambulance Service**

<b>HOSPITALS</b>	<b>◇</b>
Cape Canaveral Hospital	IND
<b>Holmes Regional Medical Center, Melbourne</b>	HF
Palm Bay Community Hospital	HF
Parrish Medical Center, Titusville	IND
Wuesthoff Hospital, Rockledge	WHS
Indian River Memorial Hospital, Vero Beach (Indian River)	?
U.S. Air Force Hospital, Patrick Air Force Base	Fed
Wuesthoff Medical Center, Melbourne	WHS
Wuesthoff Medical Center, Rockledge	WHS
◇ Hospital Corporation or Affiliation: IND-Independent, HF-Health First, WHS-Weusthoff Health Systems	

**BREVARD AMBULANCE SERVICE (ALS)**

Brevard County Public Safety	Kennedy Space Center EMS
Cape Canaveral Volunteer Fire Dept	Palm Bay Fire Dept
Coastal Health Systems	Satellite Beach Fire Dept
Titusville Fire Department	Cocoa Beach Fire Dept
Melbourne Fire Dept	Coastal Health Systems of Brevard, Inc.
All County Ambulance	45 <sup>th</sup> Medical Group, Hospital, Ambulance Service, US Government

**BREVARD AIR SERVICE**

Holmes First Flight Rescue Helicopter  
Orlando Regional Medical Center Air Care  
Orange County Chase

**ORANGE COUNTY ~ Hospitals and Ambulance Service**

<b>HOSPITAL</b>	✧
Arnold Palmer Hospital for Children & Women	ORHS
Columbia Park Med Ctr, Orlando	AHS
Florida Hospital Apopka	AHS
Florida Hospital Orlando	AHS
Health Central, Ocoee	IND
Health Central, Orlando	IND
<b>Orlando Regional Med Ctr</b>	ORHS
Princeton Hospital, Orlando	IND
Orlando Regional Sand Lake Hospital, Orlando	ORHS
West Orange Hospital, Orlando	IND
Winnie Palmer Hospital for women and babies, Orlando	ORHS
Winter Park Memorial, Winter Park	AHS
Orlando Regional Lucerne Hospital	ORHS
✧ Hospital Corporation or Affiliation: IND-Independent, AHS-Florida Hospital, ORHS-Orlando Regional Healthcare System	

**ORANGE AMBULANCE SERVICE (ALS)**

American Medical Transport	Orange County Fire Rescue
Apopka Fire Dept	Orlando Fire Dept
Greater Orlando Aviation Authority	Orlando Regional Healthcare System
Health Central Paramedic Services	Paramedical Stand-by Service Inc.
Maitland Fire Dept	Reedy Creek Improvement District
Orange County EMS Dept	Winter Park Fire Dept
American Medical Transport (a division of Rural Metro Corporation)	Aani
	American Ambulance Service

American Ambulance Service	Rural Metro Ambulance
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**ORANGE AIR SERVICE**

Holmes First Flight Rescue Helicopter  
 Orlando Regional Medical Center Air Care  
 Orange County Chase  
 AERO Med  
 Florida Hospital Orlando, Air Ambulance Florida Flight 1  
 Air Ambulance Network Inc.

**OSCEOLA COUNTY ~ Hospitals and Ambulance Service**

HOSPITAL	✧
Florida Hospital, Kissimmee	AHS
Osceola Regional, Kissimmee	CPHS
Orlando Regional Hospital in St. Cloud	ORHS
Florida Hospital Celebration Health, Celebration	AHS
✧ Hospital Corporation or Affiliation: IND-Independent, CPHS-Columbia Park Healthcare System, AHS-Florida Hospital, ORHS-Orlando Regional Healthcare System	

**OSCEOLA AMBULANCE SERVICE (ALS)**

Florida Regional EMS - Osceola  
 Kissimmee Fire Dept  
 Osceola County Fire Rescue  
 St. Cloud Fire Dept  
 Rural Metro Ambulance  
 American Medical Transport, a division of Rural Metro Corporation

**OSCEOLA AIR SERVICE**

Holmes First Flight Rescue Helicopter  
 Orlando Regional Medical Center Air Care  
 Orange County Chase  
 AERO Med

**LAKE COUNTY ~ Hospitals and Ambulance Service**

<b>HOSPITALS</b>	✧
Leesburg Regional Medical Center	IND
South Lake Hospital, Inc., Clermont	ORHS
Florida Hospital/Waterman, Eustis	AHS
Florida Hospital/Waterman, Tavares	AHS
✧ Hospital Corporation or Affiliation: IND-Independent, AHS-Florida Hospital	

**LAKE AMBULANCE SERVICE (ALS)**

Florida Regional EMS  
 Lake Sumter EMS  
 Lake County Ambulance Emergency

**SEMINOLE COUNTY ~ Hospitals and Ambulance Service**

<b>HOSPITAL</b>	✧
Sanford Regional Medical Center - Sanford	ORHS
Florida Hospital - Altamonte	AHS
South Seminole, Longwood	ORHS
✧ Hospital Corporation or Affiliation: IND-Independent, CPHS-Columbia Park Healthcare System, AHS-Florida Hospital, ORHS-Orlando Regional Healthcare System	

**SEMINOLE AMBULANCE SERVICE (ALS)**

Altamonte Springs Fire Dept	Seminole County
Casselberry Fire Dept	Seminole County Ambulance Acquisition
Longwood Fire Dept	Seminole County Public Safety
Oviedo Fire Dept	Winter Springs Fire Dept

Sanford Fire Dept  
 AERO Products  
 American La France Medic Masters

Lake Mary Fire Dept  
 Accent Transport Services  
 Mid Florida Patient Transport, Inc.

**SEMINOLE AIR SERVICE**

Holmes First Flight Rescue Helicopter  
 Orlando Regional Medical Center Air Care  
 Orange County Chase

**VOLUSIA COUNTY ~ Hospitals and Ambulance Service**

<b>HOSPITAL</b>	<b>✧</b>
Daytona Medical Center	CPHS
Bert Fish Medical Center , New Smyrna Bch	HFCH
Florida Hospital, DeLand	AHS
<b>Halifax Medical Center, Daytona Bch</b>	HFCH
West Volusia Memorial Hospital, DeLand	MHCS
Florida Hospital Ormond Memorial	AHS
Florida Hospital Oceanside, Ormond Beach	AHS
Florida Hospital Fish Memorial, Orange City	AHS
Atlantic Medical Center	
✧ Hospital Corporation or Affiliation: IND-Independent, CPHS-Columbia Park Healthcare System, AHS-Florida Hospital, MHCS-Memorial Healthcare System, HFCH- Halifax Fish Community Health	

**VOLUSIA AMBULANCE SERVICE (ALS)**

Daytona Beach Fire Dept Daytona Beach Shores Fire Dept Deltona Fire Dept Emergency Medical Foundation, Inc. Evac Ambulance South Daytona Fire Dept	Port Orange Fire Rescue Volusia County Fire Services Orange City Fire Dept DBIA Crash Fire Rescue Ormond Beach Fire Dept DeLand Fire Rescue
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Edgewater Fire Rescue New Smyrna Beach Fire Rescue	Volusia County Beach Services
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**VOLUSIA AIR SERVICE**

Volusia County Sheriffs Office Bere Jet Ranger L4

## **Chapter 12 RECOVERY AND RE-ENTRY**

### **12.1 GENERAL**

This chapter provides general guidelines for recovery and reentry operations to be followed when a hazardous materials emergency has been brought under control and no further significant releases are anticipated. Decisions to relax protective measures which have been implemented in a hazardous materials emergency will be based on an evaluation of chemical concentrations which exist at the time of consideration and on the projected long-term exposure which may result in dose commitments to residents and transients in the affected area.

### **12.2 RECOVERY**

Recovery operations may be coordinated and directed from either the County EOC or the on-scene command post.

#### **12.2.1 Environmental Analysis**

Prior to allowing public access to potentially contaminated areas, the County Health Department and the state Department of Environmental Regulation will evaluate the environmental conditions in the affected areas by conducting direct measurements and collecting environmental samples for laboratory analysis. Environmental sampling will proceed from the perimeter of affected areas to the interior.

In-state laboratory analysis of collected samples may be performed at any of the laboratories identified in Section 7.0, or by independent contractors made available by the state departments of Environmental Regulation or Natural Resources.

#### **12.2.2 Containment and Cleanup**

At any release where the lead agency determines that there is a threat to public health, welfare or the environment, the lead agency may take any appropriate action to prevent, mitigate or minimize the threat to the public health, safety, or to the environment. In determining the appropriate extent of action to be taken at a given release, the lead agency should first review the preliminary assessment and current site conditions.

The following factors should be considered in determining the appropriateness of removal actions:

- a. actual or potential exposure to hazardous substances by nearby populations, animals, or food chain;
- b. actual or potential contamination of drinking water supplies or sensitive ecosystems;

- c. hazardous substances, pollutants or contaminants in bulk storage containers that may pose a threat of release;
- d. high levels of hazardous substances or contaminants in soils, largely at or near the surface, that may spread;
- e. weather conditions that may facilitate the spread or release of hazardous substances;
- f. threat of fire or explosion;
- g. the availability of other appropriate state or federal response mechanisms; and
- h. other situations or factors which may pose threats to public health, welfare or the environment.

If the lead agency determines that a removal action is necessary, actions shall be taken as soon as possible to prevent, minimize, or mitigate the threat to public health, welfare, or the environment. The following removal actions are, as a general rule, appropriate in the following situations:

**Action**

**Situation**

fences, warning signs,  
or other security or  
site control precautions

where humans or animals have access  
to the release

drainage controls

where precipitation or runoff from other  
sources may enter the release area

stabilization of berms, dikes or  
impoundments

where needed to maintain the integrity

capping of contaminated soils or sludge

where needed to reduce the spread of  
hazardous substances into soil,  
groundwater or air

use chemicals or other materials to  
retard spread of release or to mitigate  
its effects

where use of such chemicals will  
reduce the spread of release

removal of contaminated soils from  
drainage or other areas

where removal will reduce the spread of  
contamination

removal of bulk containers that hold  
hazardous materials

where it will reduce the likelihood of  
spillage, leakage, exposure to humans,  
animals or food chain, or fire or  
explosion

provision of alternative water supply

where it will reduce the likelihood of  
exposure of humans or animals to  
contaminated water

Where the responsible parties are known, an initial effort will be made, to the extent practicable under the circumstances, to have them perform the necessary removal actions. Where responsible parties are unknown, an initial effort will be made, to the extent practicable under the circumstances, to locate them and have them perform the necessary removal actions.

Remedial actions, which are consistent with a permanent remedy, may be necessary to prevent or minimize the release of hazardous substances so that they do not spread or cause substantial danger to public health and safety or to the taken, however, the lead agency should first determine the nature and threat presented by the release and then evaluate proposed remedies. This may involve assessing whether the threat can be prevented or minimized by controlling the source of the contamination at or near the area where the hazardous substances were originally located (source control measures) and/or whether additional actions will be necessary because the hazardous substances have spread to other areas (management of migration).

The following factors should be assessed in determining whether and what type of remedial and/or removal action is to be considered:

- a. population, environmental and health concerns at risk;
- b. routes of exposure;
- c. amount, concentration, hazardous properties, and form of substances present;
- d. hydrogeological factors;
- e. current and potential groundwater use;
- f. climate;
- g. extent to which the source can be adequately identified and characterized;
- h. whether substances at the site may be reused or recycled;
- i. likelihood of future releases if the substances remain on-site;
- j. extent to which natural or manmade barriers currently contain the substances and the adequacy of those barriers;
- k. extent to which the substances have spread or are expected to spread from the area, and whether any future spread may pose a threat to public health, safety, or to the environment;
- l. extent to which state and federal environmental and public health requirements apply to the specific site;
- m. extent to which contamination levels exceed established state and federal requirements, standards and criteria;
- n. contribution of the contamination to an air, land, water, and/or food chain contamination problem;
- o. ability of the responsible party to implement and maintain the remedy until the threat is permanently abated;
- p. availability of appropriate enforcement mechanisms; and

q. any other appropriate factors.

Alternative actions should be developed, based upon this assessment, and screened to determine the most appropriate action. Criteria to be used in the initial screening include cost, effectiveness, and acceptable engineering practices. The appropriate remedial action will be a cost-effective remedial action that effectively mitigates and minimizes to and provides adequate protection of public health, safety, and the environment.

The following remedial actions are, as a general rule, appropriate in the following situations:

Action	Situation
elimination or containment of contamination to prevent further contamination	contaminated groundwater
treatment and/or removal to reduce or eliminate potential exposure to contamination	contaminated groundwater
restrictions on use to eliminate potential exposure to contamination	contaminated groundwater
elimination or containment of contamination to prevent further pollution	contaminated groundwater contaminated surface water
treatment of contaminated water to reduce or eliminate its hazard potential	contaminated soil/waste
actions to remove, treat or contain soil or waste to reduce or eliminate its hazard potential	

### **12.2.3 Documentation and Follow-Up**

During all phases of response, documentation should be collected and maintained to support all actions taken under this Plan, and to form the basis for cost recovery. In general, documentation should be sufficient to provide the source and circumstances of the condition, the identity of responsible parties, accurate accounting of local or private party costs incurred, and impacts and potential impacts to the public health, welfare and the environment. Evidentiary and cost documentation procedures and requirements to be followed will be those specified in the USCG Marine Safety manual (Commandant Instruction M16000.3) and 33 CFR Part 153.

A final report of the incident should be prepared by the lead response agency that includes, at a minimum, the following information:

- time and date of incident;
- name and address of affected facility;
- name of facility owner/operator;
- hazardous material(s) involved;
- nature and source of release;
  - summary of actions taken to protect public health/safety, the environment and other property;
- summary of injuries and property damage;
- documentation of costs; and
- need for additional actions.

The information and reports obtained by the lead agency for response actions shall, as appropriate, be transmitted to the Chairman of the Local Emergency Planning Committee and the Chairman of the State Emergency Response Commission for Hazardous Materials.

## **12.3 RE-ENTRY**

### **BREVARD, LAKE, ORANGE, OSCEOLA**

The decision to relax protective actions will be made by the Chairman of the BCC, in consultation with the County Public Health Director, Director of Emergency Management and the on-scene commander. Reentry operations will be coordinated from either the County EOC or on-scene command post. Reentry will be considered when chemical concentrations in air, water, and ground are below established levels of concern in the affected areas (downwind portions of the vulnerable zone). Upon the determination by the County Public Health Director that the environmental conditions in the affected areas are safe for public access, protective actions will be relaxed and reentry will be authorized.

The county emergency management director will coordinate local reentry activities from the County EOC and will keep the State EOC informed. Cleared areas will be opened when clearly definable boundaries are available (i.e., highways, streets, canals). Limited reentry by the general public will not be allowed.

## **SEMINOLE**

The decision to relax protective actions will be made by the Incident Commander Using the input and recommendations from the various environmental/health resources and specialists available. Reentry operations will be coordinated from either the County EOC or on-scene command post, dependent upon incident jurisdiction and/or severity. Reentry will be considered when chemical concentrations in air, water, and ground are below established levels of concern in the affected areas (downwind portions of the vulnerable zone). Upon the determination by Incident Commander that the environmental conditions in the affected areas are safe for public access, protective actions will be relaxed and reentry will be authorized.

The Incident Commander will coordinate local reentry activities from the County EOC and will keep the State EOC informed. Cleared areas will be opened when clearly definable boundaries are available (i.e., highways, streets, canals). Limited reentry by the general public will not be allowed.

## **VOLUSIA**

The decision to relax protective actions will be made by the HMTTC, in consultation with the County Public Health Director, and the Director of Emergency Management. Reentry operations will be coordinated from either the County EOC or on-scene command post. Reentry may be evaluated when chemical concentrations in air, water, and ground are below established levels of concern in the affected areas included in the downwind portions of the vulnerable zone. Upon the determination by the County Public Health Director that the environmental conditions in the affected areas are safe for public access, protective actions will be relaxed and reentry will be authorized.

The county emergency management director will coordinate local reentry activities from the County EOC and will keep the State EOC informed. Cleared areas will be opened when clearly definable boundaries are available (i.e., highways, streets, canals). Limited reentry by the public will not be allowed.

## **Chapter 13 EXERCISES AND DRILLS**

### **13.1 GENERAL**

Exercises and drills must be conducted periodically to evaluate the adequacy of the hazardous materials emergency plan and the skills of the emergency response personnel. Results of exercises and drills provide a basis for changes in the response plans, in implementing procedures, and for future scheduling of training for emergency response personnel.

### **13.2 EXERCISES**

An exercise is an event that tests the integrated response capability and major elements within emergency preparedness plans. The emergency preparedness exercise will simulate an emergency which results in hazardous materials releases and response by local authorities. Exercises will be conducted biennially and will be evaluated by qualified evaluators.

For an emergency plan to remain useful, it must be kept up-to-date through a thorough review of actual responses, simulated exercises, and collection of new data. As key assumptions and operations concepts on the plan change, the plan must be amended to reflect the new situations.

#### **13.2.1 Full Scale Exercise**

A full scale exercise is designed to fully demonstrate the emergency preparedness and response capabilities of appropriate county agencies and organizations. Mobilization of local emergency personnel and resources will be demonstrated.

#### **13.2.2 Functional Exercise**

A functional exercise is designed to demonstrate one or more functions or capabilities specified in the emergency plan. Mobilization of local personnel and resources will be limited.

#### **13.2.3 Tabletop Exercise**

A tabletop exercise is a simulation in which response activities are discussed. There is no mobilization of emergency personnel or resources.

### **13.2.4 Scheduling and Scenario Development**

Exercises will be scheduled jointly by the facility owner/operators and the LEPC. Exercise objectives and the scenarios for the exercises will be developed and prepared jointly. Counties will also conduct exercises with facilities as needed. Scenarios will be varied from year to year such that all major elements of the plan and preparedness organizations are tested within a five-year period. The scenarios will include but not be limited to the following:

1. objectives of the exercise and appropriate evaluation criteria;
2. dates, time period, places, and participating organizations;
3. the simulated events;
4. time schedule of real and simulated initiating events;
5. narrative summary describing the conduct of the exercise; and
6. description of arrangements for advance materials to be provided to evaluators.

### **13.2.5 Critique and Reports**

Controllers and evaluators will fully participate in all exercises. These controllers and evaluators will be selected from non-participating county agencies and organizations, neighboring counties, state and federal agencies. A critique will be conducted after each exercise to evaluate the capability of participating emergency agencies and organizations to implement emergency plans and procedures. Participating agencies will be requested to submit critique written comments as input for an after-action report on the exercise.

### **13.2.6 LEPC Exercise Schedule**

1. The LEPC Plan, multi-jurisdictional exercise is held in the fiscal years in between the county plan updates.
2. The LEPC exercise should be based on an incident that carries a toxic cloud across a county line, creating a multi-jurisdictional response. The exercise should involve a realistic and probable accident event at a "302" facility site involving a widely used chemical. A transportation corridor event would also be a likely multi-jurisdictional scenario.

The level and scope of the exercise will be established by the LEPC. Suggested functional areas include: communications, resource management, evacuation, intergovernmental coordination, activation of interlocal mutual aid agreements.

### 3. Schedule

September-October	establish subcommittee; assess current exercise needs and goals for this District; develop action plan for exercise delivery; coordinate with local emergency management agencies
November-December	begin setting up the components of the exercise program
January-February	prepare documentation for exercise, other preparations
March-April	conduct exercise
May	prepare post-exercise report

NOTE: This schedule is subject to change based on the conclusions of the LEPC Exercise Committee.

## 13.3 DRILLS

A drill is a supervised instruction period aimed at developing, testing and monitoring technical skills necessary to perform emergency response operations. A drill may be a component of an exercise. Each drill will be evaluated by the coordinator for the particular drill. In addition to the required exercise, drills will be conducted at the frequencies listed below.

### 13.3.1 Communications Drills

Communications between the facility owners/operators, state and local governments will be tested as described in Section 5. Communications with federal emergency response organizations will be tested quarterly. Communications between the facilities, state and local EOCs, and on-scene personnel will be tested annually. The test of communications with on-scene teams will be part of the exercises.

### 13.3.2 Medical Drills

Medical emergency drills involving a simulated contaminated injury and participation by appropriate local emergency medical services will be conducted as part of the exercise.

### **13.3.3 Chemical Monitoring Drills**

Monitoring drills for state and appropriate county hazardous materials monitors will be conducted as part of the exercise. These drills will include collection and analysis of sampling media, provisions for communications, and record keeping.

## **Chapter 14 TRAINING**

### **14.1 GENERAL**

This chapter outlines requirements for hazardous materials training for emergency response personnel who are responsible for decision making, planning and response (see Figure 14-1). The State Emergency Response Commission's Training Task Force develops guidelines for public and private sector training programs to meet the requirements of various federal agencies. The LEPC coordinates with the SERC TTF in the delivery of training programs.

### **14.2 REGULATIONS RELATED TO TRAINING REQUIREMENTS**

#### **29 CFR 1910.120**

The EPA (40 CFR 311), adopted training rules promulgated by OSHA in 29 CFR 1910.120 which require specific training for all "public employees" who respond to hazardous materials incidents, effective March 6, 1990. Different levels of training are required for first responders hired after the effective date of this rule, depending on the duties and functions performed by each. However, all employees must complete the training or demonstrate competency at their respective level of response. These levels include:

- a. First Responder Awareness Level
- b. First Responder Operations Level
- c. Hazardous Materials Technician
- d. Hazardous Materials Specialist
- e. On-Scene Incident Commander

#### **FDLES 38I-20**

Adopted /effective 1/12/95, Division of Safety of the Florida Department of Labor and Employment Security. Enforced by Public Sector Enforcement Program. Includes:

- Section 5-7 Personal Alert Safety System (PASS), 1992 edition of the National Fire Protection Association NFPA 1500
- OSHA standards contained in these sections of the CFR:
  - 29 CFR 1910 (subparts c through z)
  - 29 CFR 1915                      29 CFR 1917
  - 29 CFR 1918                      29 CFR 1926
  - 29 CFR 1928
- OSHA's confined spaces and HAZWOPER standards

### **14.3 AVAILABILITY OF TRAINING**

The State Emergency Response Commission provides training materials to local governments and the eleven Local Emergency Planning Committees that are

designed to satisfy the training criteria for Levels One and Two. The EPA sponsors tuition-free courses in designated sites in Florida. Each local governmental entity within the county is responsible for assuring that local emergency response personnel receive adequate hazardous materials training annually. The type of training required by each emergency response agency is identified in FIGURE 14-1.

Many courses are available through the Florida State Fire College and the Central Florida Emergency Services Institute, Valencia Community College, Seminole Community College, Daytona Beach Community College, Lake-Sumter Community College, and Brevard Community College. The LEPC's HMEP Tuition Grant program and Lending Library of Training Resources are described below.

#### **14.4 HAZARDOUS MATERIALS EMERGENCY PREPAREDNESS (HMEP)**

The Federal Department of Transportation implemented a program in 1993 to distribute grant funding to states for HM planning and training. At that time, it was known as Hazardous Materials Transportation Act (HMTA). The program is now called HMEP. In Florida, these funds are channeled through the Florida Department of Community Affairs, Division of Emergency Management (DEM) to the LEPCs. With the funding each LEPC develops ways of delivering various training opportunities to public sector response agencies, tailored for the particular area of the State.

There were several trainings conducted with HMEP training funds within the past LEPC fiscal year (July 1, 2007 - June 30, 2008). The following is a list of courses and dates:

July 24, 25, 26, 2007 Three 8-hour CAMEO*fm* courses  
August 28, 2007 – One 8-hour HazMat IQ course  
September 17, 18, 19, 2007 – One 24-hour Clan Lab course  
January 18, 2008 – One 4-hour Propane Safety course  
June 25, 26, 27, 2008 – One 24-hour Air Monitoring Course

\*\*Note that the above list of HMEP training courses overlaps two HMEP fiscal funding years.

**FIGURE 14-1: TRAINING FOR EMERGENCY PERSONNEL**

TRAINING LEVEL OR NEED	HM TEAM	FIRE RESCUE	LAW ENF	EMER MED	PUBLIC HEALTH	EMER MGT	SUPP AGEN	SCHOOL BOARD	HOSP	FACIL OPER
1. First Responder Awareness	X	X	X	X	X	X	X	X	X	X
2. First Responder Operations	X	X				X				X
3. HM Technician	X									
4. HM Specialist	X									
5. On-Scene Incident Command	X	X								
6. Safety Operations	**		X	X						
7. Use Of Protective Clothing And Equipment	**	X		X		X				
8. Decontamination Procedures	**	X		X					X	
9. Treatment Of Contaminated Patient Injuries		X		X					X	
**	These training modules are covered in the HM Technician training level and are required for supervisory personnel needing additional training beyond first responder levels.									

**Appendix A: List of Extremely Hazardous Substances (EHS)  
and Data for the Hazard Analysis**

## Appendix B: Summary List of '302' Facilities in District Six

### Brevard County

SERC	Facility Name	Facility Address	City	Zip Code
11	ASTROTECH SPACE OPERATIONS	1515 CHAFFEE DRIVE	TITUSVILLE	32780
13	A T AND T CORPORATION - COCOA POINT OF PRESENCE (POP)	210 WEST HIGHLAND DRIVE	COCOA	32922
15	AIR LIQUIDE LARGE INDUSTRIES	7007 NORTH COURTENAY PARKWAY	MERRITT ISLAND	32953-
22	BREVARD COUNTY UTILITIES - SOUTH BEACHES WWTP	2800 SOUTH US HIGHWAY A1A	MELBOURNE	32951
24	BREVARD COUNTY UTILITIES - NORTH BREVARD WTP	2262 HIGH DRIVE	MIMS	32754-2016
38	CITY OF CAPE CANAVERAL - WWTP	601 THURM BOULEVARD	CAPE CANAVERAL	32920
	CITY OF MELBOURNE - GRANT STREET WATER RECLAMATION FAC			
42	FAC	2300 SOUTH GRANT STREET	MELBOURNE	32901
45	CITY OF MELBOURNE - DAVID B LEE WATER RECLAMATION FAC	835 NORTH APOLLO BOULEVARD	MELBOURNE	32935
48	CITY OF ROCKLEDGE - WWTP	1700 JACK OATES BOULEVARD	ROCKLEDGE	32955
55	CITY OF TITUSVILLE - MOURNING DOVE WATER PLANT	2836 GARDEN STREET	TITUSVILLE	32796
68	FAR RESEARCH	2210 WILHELMINA COURT NORTHEAST	PALM BAY	32905-
69	FAR MAC PLATING	1015 SOUTH EDDIE ALLEN ROAD	MELBOURNE	32901
72	FLORIDA POWER AND LIGHT - CAPE CANAVERAL PLANT	6000 NORTH US HIGHWAY 1	COCOA	32927-6081
73	CAPE PUBLICATIONS - FLORIDA TODAY / USA TODAY	3101 GANNETT PLAZA AVENUE	ROCKLEDGE	32955-5913
78	HARRIS - GOVERNMENT COMMUNICATIONS SYSTEMS	2400 PALM BAY ROAD NORTHEAST	PALM BAY	32905-
81	HYDRO ALUMINUM ROCKLEDGE	100 GUS HIPPI BOULEVARD	ROCKLEDGE	32955
94	RELIANT ENGERY - INDIAN RIVER PLANT	7800 SOUTH US HIGHWAY 1	TITUSVILLE	32780-
106	BRADSHAW MANUFACTURING	2725 KIRBY AVENUE NORTHEAST	PALM BAY	32905-
109	PRAXAIR INCORPORATED - MIMS	2801 HAMMOCK ROAD	MIMS	32754-5668
129	BREVARD COUNTY UTILITIES - SNUG HARBOR WTP	7635 BOXELDER ROAD	SEBASTIAN	32976-
5322	AMBASSADOR SERVICES--5322	9025 NORTH ATLANTIC AVENUE	CAPE CANAVERAL	32920
5351	ACCURATE METAL FINISHING OF FLORIDA	500 GUS HIPPI BOULEVARD	ROCKLEDGE	32955
5608	CITY OF COCOA BEACH - WATER RECLAMATION FACILITY	1600 WEST MINUTEMAN CAUSEWAY	COCOA BEACH	32931
5883	GREAT OUTDOORS PREMIER RV RESORTS	311 RACCOON ROAD	TITUSVILLE	32780-
6175	FLEET MARINE SERVICES	714 SCALLOP DRIVE	CAPE CANAVERAL	32920
6703	CITY OF COCOA - BANANA RIVER PUMP STATION	1998 EAST MERRITT ISLAND CAUSEWAY	MERRITT ISLAND	32954
7049	CITY OF MELBOURNE - AVENUE B BOOSTER STATION	221 AVENUE B	MELBOURNE	32901-
7050	CITY OF MELBOURNE - FRONT STREET BOOSTER STATION	1313 EAST NEW HAVEN AVENUE	MELBOURNE	32901
7465	CHEMKO TECHNICAL SERVICES	5325 NORTH US HIGHWAY 1	MIMS	32754
7779	P C M PRODUCTS	1225 WHITE DRIVE	TITUSVILLE	32780
10224	CITY OF PALM BAY UTILITIES - WATER TREATMENT PLANT	1103A TROUTMAN BOULEVARD NORTHEAST	MELBOURNE	32905-
10338	HARRIS - MALABAR FACILITY	2800 JORDAN ROAD	MALABAR	32950-
10339	INTERSIL - SEMICONDUCTOR SECTOR	1650 ROBERT J CONLAN BOULEVARD	PALM BAY	32905
10530	RIVER GROVE MOBILE HOME VILLAGE - RIVER GROVE I	8440 US HIGHWAY 1	MICCO	32976-

10531	RIVER GROVE MOBILE HOME VILLAGE - RIVER GROVE II	MICCO ROAD AND LOVE COURT	MICCO	32976-
11025	BREVARD COUNTY - MAP REPRODUCTION DEPARTMENT	2725 JUDGE FRAN JAMIESON PKWY	VIERA	32955-
13923	PRECISION FABRICATING AND CLEANING	3975 EAST RAILROAD AVENUE	COCOA	32926-
14201	WILLOWBROOK FARMS	3400 WILLOWBROOK STREET	PALM BAY	32909-
14226	INTERSTATE BATTERY SYSTEM OF FLORIDA SPACE COAST	3133 SARNO ROAD	MELBOURNE	32934-
15561	A T AND T CORPORATION - MELBOURNE POP FLJ480	900 SARNO ROAD	MELBOURNE	32935-5029
16356	MCI - TSVLFL	BETWEEN TITUS AND MINNIE STREETS	TITUSVILLE	32796-
16357	MCI - MELDFL	PROSPECT AVENUE NEAR MILE POST 195	MELBOURNE	32901-
18912	BELLSOUTH TELECOMMUNICATIONS - 33656	728 PALMETTO AVENUE	MELBOURNE	32901-4726
18935	BELLSOUTH TELECOMMUNICATIONS - 33682	450 WEST COCOA BEACH CAUSEWAY	COCOA BEACH	32931-
18936	BELLSOUTH TELECOMMUNICATIONS - 33615	712 FLORIDA AVENUE	COCOA	32922-7821
18937	BELLSOUTH TELECOMMUNICATIONS - 33618	125 EAST MUSTANG WAY	MERRITT ISLAND	32953-3149
18938	BELLSOUTH TELECOMMUNICATIONS - 33642	980 PINETREE DRIVE	INDIAN HARBOR BEACH	32937-2627
18940	BELLSOUTH TELECOMMUNICATIONS - 33022	1750 CROTON ROAD	MELBOURNE	32935-3330
18944	BELLSOUTH TELECOMMUNICATIONS - 33670	620 HOPKINS STREET	TITUSVILLE	32780-
19165	SERVICE MANAGEMENT SYSTEMS - AQUARINA WATER UTILITY	650 AQUARINA BOULEVARD	MELBOURNE BEACH	32951-
19498	UNITED STATES AIR FORCE - PATRICK AIR FORCE BASE	1224 JUPITER STREET	PATRICK AIR FORCE BASE	32925-
19842	BELLSOUTH TELECOMMUNICATIONS - E8601	320 WEST EGRET CIRCLE	SEBASTIAN	32976-7813
20684	N A S A - JOHN F KENNEDY SPACE CENTER	KENNEDY SPACE CENTER	KENNEDY SPACE CENTER	32899-
20704	CITY OF PALM BAY UTILITIES - AQUIFER STORAGE RECOVERY	2200 SANDY PINES DRIVE NE	MELBOURNE	32905-
21068	A T AND T WIRELESS - MALABAR 6598	6713 BABCOCK STREET SOUTHEAST	MELBOURNE	32909-
21895	CITY OF MELBOURNE - REVERSE OSMOSIS WTP	5980 LAKE WASHINGTON ROAD	MELBOURNE	32934-
23121	CITY OF TITUSVILLE - BLUE HERON WATER RECLAMATION FAC	4800 DEEP MARSH ROAD	TITUSVILLE	32780-
23154	UNITED STATES AIR FORCE - CAPE CANAVERAL AIR STATION	HIGHWAY A1A NORTH	CAPE CANAVERAL	32920-
23529	BREVARD COUNTY UTILITIES - SNUG HARBOR WWTP	7621 BOXELDER ROAD	SEBASTIAN	32976
24826	ROYAL BATTERY	195 RING AVENUE NORTHEAST	PALM BAY	32907
25044	COLONY PARK UTILITIES - WWTP---25044	32 MANGROVE DRIVE	MERRITT ISLAND	32952-
25267	UNITED LAUNCH ALLIANCE - LAUNCH OPERATIONS	ITL WAREHOUSE, FACILITY BUILDING 75250	CAPE CANAVERAL	32920-
25341	SPACECOAST PLATING AND METAL REFINISHING	975 AURORA ROAD	MELBOURNE	32935-
25901	A T AND T WIRELESS - NASA	NASA	ORLANDO	32899-
27369	ADVANCED AQUACARE	2145 SOUTH US 1	ROCKLEDGE	32955-
27477	LEVEL 3 COMMUNICATIONS - MLBRFL1W	1110 LINE STREET	MELBOURNE	32901-5571
27478	LEVEL 3 COMMUNICATIONS - TTVFL1T	2002 PARRISH ROAD	TITUSVILLE	32796-7818
27496	QWEST - MELBOURNE POP	2907 MAIN STREET	MELBOURNE	32901-7223
27510	QWEST - TITUSVILLE REGEN	520 MAIN STREET	TITUSVILLE	32796
27562	PHOTRONICS	2455 PALM BAY ROAD NORTHEAST	PALM BAY	32905-
27700	MCI - CCBMFL	841 FLORIDA AVENUE	COCOA BEACH	32922-7822
27709	AIRGAS SOUTH - MERRIT ISLAND	3340 NORTH COURTNEY PARKWAY	MERRITT ISLAND	32953-
28091	UNITED LAUNCH ALLIANCE - CCAFS DELTA IV PROGRAM	CALLER SERVICE 9004 MC KA41-H600 BEACH ROAD	CAPE CANAVERAL	32920-9004

28100	SPRINT - MELBOURNE POP CPE	801 EAST HIBISCUS BOULEVARD - SUITE D	MELBOURNE	32901-3219
28331	COMMERCIAL CHEMICAL PRODUCTS - COCOA	841 NORTH COCOA BOULVARD UNIT 12	COCOA	32922-
28713	BREVARD COUNTY UTILITIES - BAREFOOT BAY WWTP	7773 DOTTIE LANE	SEBASTIAN	32976-
28714	BREVARD COUNTY UTILITIES - BAREFOOT BAY WTP	334 WEST EGRET CIRCLE	BAREFOOT BAY	32976-
28733	ALL STAR ICE OF CENTRAL FLORIDA	315 PEACHTREE STREET	COCOA	32922-
28965	GLOBAL CROSSING - MELBOURNE	1220 EAST PROSPECT AVENUE	MELBOURNE	32901-
29064	SEARS ROEBUCK AUTO CENTER - 6646	1050 BABCOCK STREET	MELBOURNE	32901-
29065	SEARS ROEBUCK AUTO CENTER - 6245	777 EAST MERRITT ISLAND CAUSEWAY STE 300	MERRITT ISLAND	32952-
29093	SEARS ROEBUCK AUTO CENTER - 6265	3550 SOUTH WASHINGTON AVENUE	TITUSVILLE	32780-
29285	LEVEL 3 COMMUNICATIONS - TITUSVILLE FL005	2000 PARRISH ROAD	TITUSVILLE	32796-
29383	OLEANDER POWER PROJECT	555 TOWNSEND ROAD	COCOA	32926-
29918	CITY OF MELBOURNE - ACTIFLOW WATER TREATMENT PLANT	5985 LAKE WASHINGTON ROAD	MELBOURNE	32934
30413	TECHNI CHROME - TITUSVILLE	895 BUFFALO ROAD	TITUSVILLE	32796
30452	A T AND T WIRELESS - MERRITT ISLAND 6596	5330 JUDSON ROAD	MERRITT ISLAND	32953
30656	SAMS CLUB - 8141	4255 WEST NEW HAVEN AVENUE	MELBOURNE	32904
31935	PROGRESS TELECOM - MELBOURNE	904 EAST NEW HAVEN	MELBOURNE	32901
32010	AIRGAS SOUTH - COCOA	3445 NORTH US HIGHWAY 1	COCOA	32926
32565	LEVEL 3 COMMUNICATIONS - TITUSVILLE HUT	435 DUMMITT AVENUE	TITUSVILLE	32796
33596	LEVEL 3 COMMUNICATIONS - PALM BAY	2300 COMMERCE PARK DRIVE NORTHEAST - SUITE A	PALM BAY	32905-2619
34072	G E TRANSPORTATION SYSTEMS GLOBAL SIGNALING	1990 WEST NASA BOULEVARD	MELBOURNE	32904
34194	CITY OF PALM BAY - SOUTH REGIONAL WT FACILITY	3906 EMERSON DRIVE SOUTHEAST	PALM BAY	32909
34260	WHEELER FARMS - MICCO	4533 MICCO ROAD	MICCO	32976-6904
34599	FLORIDA POWER AND LIGHT - MALABAR SUBSTATION	1725 SUBSTATION ROAD	PALM BAY	32905

## Lake County

SERC	Facility Name	Facility Address	City	Zip code
3447	CITY OF CLERMONT - PUBLIC SERVICES DEPT	400 12 STREET	CLERMONT	34711-
3449	CITY OF CLERMONT - FOURTH STREET WELL	460 MINNEHAHA AVENUE	CLERMONT	34711-
3450	CITY OF CLERMONT - GRAND HIGHWAY WELL	100 NORTH BLOXHAM AVENUE	CLERMONT	34711-
3451	CITY OF EUSTIS WATER DEPARTMENT - WWTP	801 BATES AVENUE	EUSTIS	32726-
3452	CITY OF EUSTIS WATER DEPARTMENT - ARDICE WELL	400 ARDICE AVENUE	EUSTIS	32726-
3453	CITY OF LEESBURG - MAIN WTP	223 SOUTH 5 STREET	LEESBURG	34748-
3455	CITY OF MINNEOLA - WELL 4	811 GALENA AVENUE	MINNEOLA	34755-
3456	CITY OF MINNEOLA - WELL 5	111 OAKLAND AVENUE	MINNEOLA	34755-
3458	CUTRALE CITRUS JUICES USA - LEESBURG	11 CLOUD STREET	LEESBURG	34748-
3459	COUNTRY SQUIRE MHP - WTP	6 COUNTRY SQUIRE ROAD	PAISLEY	32767
3462	DEPARTMENT OF CORRECTIONS - LAKE CORRECTIONAL INST	19225 US HIGHWAY 27	CLERMONT	34715
3466	FOREMOST FERTILIZER	900 THOMAS AVENUE	LEESBURG	34748-
3467	CITRUS WORLD - UMATILLA	38851 STATE ROAD 19 SOUTH	UMATILLA	32784-
3474	HELENA CHEMICAL - MOUNT DORA	21244 STATE ROAD 46	MOUNT DORA	32757
3481	LAKE GRIFFIN ISLES WTP	200 ORCHID DRIVE	FRUITLAND PARK	34731-
3482	GENERAL UTILITIES - LAKE SAUNDERS UTILITIES - WTP	500 BAYWOOD DRIVE	MOUNT DORA	32757
3497	LAKE YALE ESTATES - WTP	38141 MAYWOOD BAY DRIVE	LEESBURG	34788-
3506	UTILITIES INC OF FLORIDA - AMBER HILL WTP	BETWEEN 12021 AND 12010 TOPAZ STREET	CLERMONT	34711-
3508	UTILITIES INC OF FLORIDA - CRESCENT BAY WTP	11001 CRESCENT BAY BOULEVARD	CLERMONT	34711-
5075	LAKE REGION PACKING ASSOCIATION	124 SOUTH JOANNA AVENUE	TAVARES	32778-
5126	FLORIDA FOOD PRODUCTS	2231 WEST HIGHWAY 44	EUSTIS	32726
5323	CENTRAL FLORIDA FREEZER	1801 BRADFORD AVENUE	LEESBURG	34748-
5607	CITY OF CLERMONT - SEMINOLE WELL	1205 SEMINOLE STREET	CLERMONT	34711-
5761	CITY OF CLERMONT - GREATER HILLS WATER PLANT	15512 CHARTER OAKS TRAIL	CLERMONT	34711-
5785	UTILITIES INC OF FLORIDA - LEESBURG	501 STATE ROAD 44	LEESBURG	34748
5817	SILVER SPRINGS CITRUS	25411 MARE AVENUE	HOWEY IN THE HILLS	34737-0155
5960	AQUA UTILITIES FLORIDA - EAST LAKE HARRIS WTP	13319 WOODLAND DRIVE	ASTATULA	34705-
5965	AQUA UTILITIES FLORIDA - WESTERN SHORES WTP	34210 CARL ROAD	LEESBURG	34748-
5967	CITY OF GROVELAND - SUNSHINE PARKWAY WTP 3	20434 STATE ROAD 19	GROVELAND	34756-
5968	FLORIDA WATER SERVICES - IMPERIAL TERRACE WTP	RIVERVIEW DRIVE	TAVARES	32778-
5969	AQUA UTILITIES FLORIDA - SILVER LAKE ESTATES WTP	10438 BARRINGTON COURT	LEESBURG	34748-
6038	SILVER SPRINGS CITRUS SOUTH	305 WEST BROAD STREET	GROVELAND	34736
6108	HARBOR HILLS UTILITIES - WTP AND WWTP	6538 LAKE GRIFFIN ROAD	LADY LAKE	32159
6704	COVANTA LAKE COUNTY RESOURCE RECOVERY	3830 ROGERS INDUSTRIAL PARK ROAD	OKAHUMPKA	34762
7187	SAINT JOHNS RIVER UTILITY	54642 COUNTY ROAD 445A	ASTOR	32102
7531	MID FLORIDA LAKES YACHT CLUB	199 FOREST DRIVE	LEESBURG	34788-
7633	CITY OF FRUITLAND PARK - WELL 1 AND 3	SEMINOLE AVENUE AND RAILROAD STREET	FRUITLAND PARK	34731-
7634	CITY OF FRUITLAND PARK - WELL 4	OLIVE AVENUE	FRUITLAND PARK	34731
7635	CITY OF FRUITLAND PARK - WELL 5	SHILOH STREET	FRUITLAND PARK	34731

7681	CITY OF MASCOTTE - KNIGHT WELLS 2 AND 3	143 KNIGHT STREET	MASCOTTE	34753
7722	LONG AND SCOTT FARMS	26216 COUNTY ROAD 448A	MOUNT DORA	32757-
8084	A T AND T WIRELESS - CI27 MOUNTDORA 15312	20367 US HIGHWAY 441	MOUNT DORA	32757
8153	PLANTATION AT LEESBURG	25201 US HIGHWAY 27 SOUTH	LEESBURG	34748
8204	CITY OF EUSTIS WATER DEPARTMENT - HASELTON WELL CITY OF EUSTIS WATER DEPARTMENT - COUNTY ROAD 44 WELL	700 HASELTON STREET	EUSTIS	32726-
8212	STOKES FISH	3351 COUNTY ROAD EAST HIGHWAY 44	EUSTIS	32726-
8216	TOWN OF LADY LAKE - CENTRAL WELL 1	609 EAST MAIN STREET	LEESBURG	34748
8259	TOWN OF LADY LAKE - CENTRAL WELL 2	126 CLAY AVENUE	LADY LAKE	32159
8260	TOWN OF LADY LAKE - CENTRAL WELL 2	142 SHENANDOAH AVENUE	LADY LAKE	32159
8283	TOWN OF HOWEY IN THE HILLS - WELL 2	316 WEST GRANT STREET	HOWEY IN THE HILLS	34737-
8444	BELLA VISTA GOLF AND YACHT CLUB	HIGHWAY 48	HOWEY IN THE HILLS	34737-
8594	CITY OF UMATILLA - WWTP	700 GOLDEN GEM DRIVE	UMATILLA	32784-
9052	CITY OF MOUNT DORA - DORA PINES WTP	SUNRISE BOULEVARD	MOUNT DORA	32757-
9160	LAKEVIEW TERRACE CHRISTIAN RETIREMENT CENTER	331 RAINTREE DRIVE	ALTOONA	32702-
9406	BONFIRE MOBILE HOME PARK - WTP	620 MISTI DRIVE	LEESBURG	34788-
9484	GENERAL UTILITIES - HILL WATER COMPANY	CORNER JARLARMY ROAD AND WINDSONG COURT	CLERMONT	34711-
9553	CITY OF GROVELAND - NORTH SAMPEY WELLS 3A AND 5	1153 NORTH SAMPEY ROAD	GROVELAND	34736-
9554	CITY OF GROVELAND - POMELO WELL 1	POMELO STREET AT SOUTH MAIN AVENUE	GROVELAND	34736-
9623	GENERAL UTILITIES - CLERBROOK RESORT - WTP AND WWTP	20005 US 27	CLERMONT	34711-
9646	FLORIDA BAPTIST CONVENTION - LAKE YALE BAPTIST	39034 COUNTY ROAD 452	LEESBURG	34788-
9748	HAWTHORNE RESIDENTS COOPERATIVE ASSOCIATION	117 ASPEN CIRCLE	LEESBURG	34748
9755	GENERAL UTILITIES - HOLIDAY TRAVEL RESORT	28229 COUNTY ROAD 33	LEESBURG	34748-
9857	BEES RV RESORT - WTP AND WWTP	20260 HIGHWAY 27 NORTH	CLERMONT	34715
10191	GENERAL UTILITIES - WATERWOOD WTP AND WWTP	300 WATERWOOD DRIVE	YALAHA	34797-
10204	WOODLANDS AT CHURCH LAKE - WTP AND WWTP	1124 HERITAGE DRIVE	GROVELAND	34736-
10218	MONTVERDE MOBILE HOME ASSOCIATION - WTP	17338 RAINTREE COURT	MONTVERDE	34756-
10471	CITY OF LEESBURG - CANAL STREET WWTP	628 NORTH CANAL STREET	LEESBURG	34748-
10602	GENERAL UTILITIES - SQUIRREL POINT UTILITIES	15737 ACORN CIRCLE	TAVARES	32778-
10626	GENERAL UTILITIES - EAGLES NEST MH ESTATES - WTP	5519 EAGLES NEST ROAD	FRUITLAND PARK	34731-
10628	RIDGECREST VILLAGE	26125 US HIGHWAY 27	LEESBURG	34748-
13949	A T AND T CORPORATION - LEESBURG FLG240	425 NORTH 3 STREET---13949	LEESBURG	34749-
15011	CITY OF UMATILLA - BULLDOG WTP	1025 BULLDOG LANE	UMATILLA	32784-
15119	FLORIDA WATER SERVICES - PALISADES WTP	16933 JALARMY ROAD	MINNEOLA	34755-
15171	CITY OF LEESBURG - VENETIAN GARDENS POOL	109 EAST DIXIE AVENUE	LEESBURG	34748-
15172	CITY OF LEESBURG - HUBERT O DABNEY POOL	1111 BEECHER STREET	LEESBURG	34748-
15173	CITY OF LEESBURG - REGIONAL AIRPORT WTP	32733 ECHO DRIVE	LEESBURG	34788-
15174	CITY OF LEESBURG - LAKE SQUARE MALL WTP	10401 US HIGHWAY 441	LEESBURG	34788-
15175	CITY OF LEESBURG - HIGHLAND LAKES WTP	26800 CASH COURT	LEESBURG	34748-
15229	SCOTTISH HIGHLANDS CONDOMINIUM ASSOCIATION - WWTP	ACCESS RD OFF ORKNEY DRIVE NEAR LOT 1709	LEESBURG	34788-

15963	EMBARQ FLORIDA - TAVARES CENTRAL OFFICE	114 NORTH TEXAS AVENUE	TAVARES	32778-
15964	EMBARQ FLORIDA - WETTSTEIN BUILDING CENTRAL OFFICE	425 NORTH 3 STREET - ROOM 141	LEESBURG	34748-5001
15966	EMBARQ FLORIDA - EUSTIS CENTRAL OFFICE	200 EAST ORANGE AVENUE	EUSTIS	32726-4139
15967	EMBARQ FLORIDA - LADY LAKE REMOTE	121 LADY LAKE BOULEVARD	LADY LAKE	32726
15968	EMBARQ FLORIDA - CLERMONT CENTRAL OFFICE	819 DESOTO STREET	CLERMONT	34711-2109
19122	O M I - VILLAGE CENTER COMMUNITY WWTP	501 SUNBELT ROAD	THE VILLAGES	32159-
19389	TOWN OF MONTVERDE - WELL 3	16552 HIGHLAND AVENUE	MONTVERDE	34756-
19436	TOWN OF MONTVERDE - WELL 2	17535 5 STREET	MONTVERDE	34756-
19502	CITY OF TAVARES - WATER PLANT 1	509 LAKE DORA DRIVE	TAVARES	32778-
19503	CITY OF TAVARES - WWTP	525 EAST CAROLINE STREET	TAVARES	32778-
19504	CITY OF TAVARES - WATER PLANT 2	316 INGRAHAM AVENUE	TAVARES	32778-
19505	CITY OF TAVARES - WATER PLANT 3	2101 LAKE HARRIS DRIVE	TAVARES	32778-
20181	LAKE COGEN LIMITED	39001 GOLDEN GEM DRIVE	UMATILLA	32784-
21888	CITY OF GROVELAND - NORTH SAMPEY WWTP	1198 NORTH SAMPEY ROAD	GROVELAND	34736-
22180	CITY OF CLERMONT - HANCOCK WELL	3325 HANCOCK ROAD	CLERMONT	34711-
22516	EMBARQ FLORIDA - MOUNT DORA CENTRAL OFFICE	311 EAST 5 STREET	MOUNT DORA	32757-5660
22517	EMBARQ FLORIDA - UMATILLA CENTRAL OFFICE	60 GUERRANT STREET	UMATILLA	32784-
22895	AQUA UTILITIES FLORIDA - VALENCIA TERRACE WTP	TROUT AVENUE	LEESBURG	34748-
23032	CITY OF MASCOTTE - MIDWAY WELL 1	301 MIDWAY AVENUE	MASCOTTE	34753-
23033	CITY OF TAVARES - WATER PLANT 4	2401 SLIM HAYGOOD DRIVE	TAVARES	32778-
23119	TOWN OF HOWEY IN THE HILLS - WELL 3	STATE ROAD 19 AT COUNTY ROAD 48	HOWEY IN THE HILLS	34737-0067
23612	CITY OF CLERMONT - ELEVATED WATER TANK	BLOXAM AVENUE AND HIGHLAND AVENUE	CLERMONT	34711-
23989	O M I - VILLAGE CENTER COMMUNITY WELL 3 AND 5	1228 RIO GRANDE AVENUE AT PASCO DRIVE	THE VILLAGES	32159
24157	MONTVERDE MOBILE HOME SUBDIVISION - WWTP	16901 BAY AVENUE	MONTVERDE	34756-
24799	GENERAL UTILITIES - HARBOR OAKS	11 HARBOR OAKS DRIVE	FRUITLAND PARK	34731-
24838	INTERNATIONAL STERILIZATION LABORATORY	217 SAMPEY ROAD	GROVELAND	34736-3305
24912	CITY OF GROVELAND - SUNSHINE PARKWAY WWTP	20364 SOUTH HIGHWAY 27	MINNEOLA	34755-
25696	AIRGAS SOUTH - LEESBURG	1703 WEST SOUTH STREET	LEESBURG	34748-
26061	A T AND T WIRELESS - UMATILLA 7554	39021 GOLDEN GEM DRIVE	UMATILLA	32784-
27504	QWEST - TAVARES AMP	1101 ESTATE DRIVE	TAVARES	32778
27609	O M I - LITTLE SUMTER UTILITY WELL 3	BUENA VISTA DRIVE AT POLO FIELD	THE VILLAGES	32159-
27809	CITY OF MINNEOLA - EASTRIDGE WTP	977 SCENIC VIEW CIRCLE	MINNEOLA	34755-
27884	LEVEL 3 COMMUNICATIONS - CLERMONT	1200 COMMON COURT	CLERMONT	34711-
27903	CITY OF LEESBURG - ROYAL HIGHLANDS	21747 ROYAL SAINT GEORGE LANE	LEESBURG	34748-
28251	CITY OF LEESBURG - TURNPIKE WASTEWATER RECLAMATION	1600 COUNTY ROAD 470	LEESBURG	34748-
29062	SEARS ROEBUCK AUTO CENTER - 6365	10401 US HIGHWAY 441 - LAKE SQUARE MALL	LEESBURG	34788-
29522	HILL WATER COMPANY---29522	16713 KAMLIN STREET	CLERMONT	34711-
29534	TRIANGLE CHEMICAL - MASCOTTE	748 WEST MYERS BOULEVARD	MASCOTTE	34753-
29537	CITY OF MINNEOLA - OAK VALLEY WTP	1200 OAK VALLEY BOULEVARD	MINNEOLA	34755-
29653	GRAND ISLAND RESORT	36121 PLUM AVENUE	GRAND ISLAND	32735-
29737	O M I - LITTLE SUMTER UTILITY WTP 4	1350 PAIGE PLACE	THE VILLAGES	32159

30438	GENERAL UTILITIES - BEAUCLAIRE HOA	BEAUCLAIRE COURT	TAVARES	32778
30935	HILL WATER COMPANY	CORNER JARLARMY AND WINDSONF COURT	CLERMONT	34711
31325	CITY OF GROVELAND - GREEN VALLEY WWTP 2	SILVER EAGLE ROAD	GROVELAND	34736
31384	CITY OF FRUITLAND PARK - WELL 6	WINGSPREAD DRIVE	FRUITLAND PARK	34731
31718	COMMERCIAL CHEMICAL PRODUCTS - TAVARES	15940 OLD US HIGHWAY 441 - BLDG 2 / UNIT 8	TAVARES	32778
32206	GENERAL UTILITIES - B RV RESORT	20260 US HIGHWAY 27	GROVELAND	34736
34223	O M I- VILLAGES - VCSA WELL #1 AND #2	TOWER CIRCLE	THE VILLAGES	32159
34710	CITY OF UMATILLA - MUNICIPAL POOL	16 LONESTAR STREET	UMATILLA	32784
34721	CITY OF MINNEOLA - SUGARLOAF WTP	20104 SUGARLOAF MOUNTAIN ROAD	MINNEOLA	34715
34752	CITY OF GROVELAND - WATER PLANT 5	HIGHWAY 561	GROVELAND	34736

## Orange County

SERC	Facility Name	Facility Address	City	Zip code
3650	A M METAL FINISHING	7594 CHANCELLOR DRIVE	ORLANDO	32809-
3660	AIRGAS SOUTH - ORLANDO 2	1115 SLIGH BOULEVARD	ORLANDO	32806
3661	AIR PRODUCTS MANUFACTURING CORPORATION	8300 EXCHANGE DRIVE	ORLANDO	32809
3669	ARAMARK UNIFORM SERVICES---3669	2741 SOUTH DIVISION AVENUE	ORLANDO	32806-
3670	PROSOURCE ONE---3670	2601 WEST ORANGE BLOSSOM TRAIL	PLYMOUTH	32768-
3672	A T AND T CORPORATION - FL0150	45 NORTH MAGNOLIA AVENUE---3672	ORLANDO	32801-2427
3673	EMBARQ FLORIDA - WINTER PARK TOLL CENTER	500 NORTH NEW YORK AVENUE	WINTER PARK	32789-3124
3681	A T AND T CORPORATION - FL3430	1717 SOUTH APOPKA VINELAND ROAD	ORLANDO	32835-
3692	STORY WATER SYSTEMS - BRIGHTWOOD MANOR	838 KELLY PARK ROAD	APOPKA WINTER	32712
3699	CERTI FINE FRUIT	1841 WINDERMERE ROAD	GARDEN	34787
3700	UNIVAR U S A - CHEMCENTRAL	8120 SOUTH ORANGE AVENUE	ORLANDO	32809
3712	CITY OF ORLANDO - WATER CONSERV II	5420 L B MCLEOD ROAD	ORLANDO	32811
3719	CITY OF WINTER GARDEN - WTP 2	171 EAST PALMETTO STREET	WINTER GARDEN	34787-
3720	CITY OF WINTER GARDEN - WTP 1	127 SOUTH BOYD STREET	GARDEN	34787-
3722	COCA COLA NORTH AMERICA - SPECIAL PRODUCTS DIVISION	2501 WEST ORANGE AVENUE	APOPKA	32703-
3723	COCA COLA NORTH AMERICA - PLYMOUTH BASE PLACE	2659 ORANGE AVENUE	APOPKA WINTER	32703-3346
3738	DIAMOND R FERTILIZER - PESTICIDE	501 NORTH HENNIS ROAD	GARDEN	34787-
3740	DOUGLASS FERTILIZER AND CHEMICAL - ZELLWOOD	2934 NORTH ORANGE BLOSSOM TRIAL	ZELLWOOD	32798
3759	FRITO LAY - ORLANDO	2800 SILVER STAR ROAD	ORLANDO	32808
3775	TEMPLE INLAND - ORLANDO	711 EAST LANCASTER ROAD	ORLANDO	32809-
3786	SUNCOAST HEAT TREAT - ORLANDO	316 SOUTH HUGHEY AVENUE	ORLANDO	32801
3797	UNITED LAUNCH ALLIANCE - MISSILES AND FIRE CONTROL ORLANDO	5600 SAND LAKE ROAD	ORLANDO	32819-8907
3798	UNITED LAUNCH ALLIANCE - INFORMATION SYSTEMS CENTER	12506 LAKE UNDERHILL ROAD	ORLANDO	32855-5837
3812	ALSCO - ORLANDO	1213 SOUTH DIVISION STREET	ORLANDO	32805-
3820	ORLANDO PLATING	601 NORTH ORANGE BLOSSOM TRAIL	ORLANDO	32805-
3821	ORLANDO UTILITIES COMMISSION - CONWAY WATER PLANT	2725 SOUTH CONWAY ROAD	ORLANDO	32812
3822	ORLANDO UTILITIES COMMISSION - PINE HILLS WATER PLANT	5601 SANTA ANITA STREET	ORLANDO	32808-
3823	ORLANDO UTILITIES COMMISSION - KIRKMAN WATER PLANT	4070 SOUTH KIRKMAN ROAD	ORLANDO	32802
3825	ORLANDO UTILITIES COMMISSION - NAVY WATER PLANT	1400 NORTH TRUMAN ROAD	ORLANDO	32807
3826	ORLANDO UTILITIES COMMISSION - STANTON ENERGY CENTER	5100 SOUTH ALAFAYA TRAIL	ORLANDO	32831-
3830	ORLANDO UTILITIES COMMISSION - HIGHLAND WATER PLANT	1030 HIGHLAND AVENUE	ORLANDO	32803
3832	BRENNTAG MID SOUTH - ORLANDO ORANGE COUNTY PUBLIC UTILITY - PARK MANOR WATERWORKS - WWTP	250 CENTRAL FLORIDA PARKWAY	ORLANDO	32824
3836		1545 PARK MANOR DRIVE	ORLANDO	32825
3837	PARK MANOR WATERWORKS - WTP 1	10901 TANGORA STREET	ORLANDO	32825
3838	PARK MANOR WATERWORKS - WTP 2	713 INNSBRUCK DRIVE	ORLANDO	32825
3842	VIKTRON	5780 CARRIER DRIVE	ORLANDO	32819-8311

3844	PENINSULA METAL FINISHING	2550 DINNEEN AVENUE	ORLANDO	32804
3857	ROBERTSON JOHNSON WAREHOUSES - WAREHOUSE 2	2600 SHADER ROAD	ORLANDO	32804-2724
3858	ROCK SPRINGS MHP	1820 ROCK SPRINGS ROAD	APOPKA	32712
3863	ANHEUSER BUSCH - SEA WORLD OF FLORIDA AND DISCOVERY COVE	7007 SEA WORLD DRIVE	ORLANDO	32821-8097
3871	SONOCO PRODUCTS	1854 CENTRAL FLORIDA PARKWAY	ORLANDO	32837-9281
3875	PUBLIX SUPER MARKETS - ORLANDO	1950 SAND LAKE ROAD	ORLANDO	32809-
3883	T G LEE DAIRY - ORLANDO	315 NORTH BUMBY AVENUE	ORLANDO	32803-6029
3888	UNITED STATES COLD STORAGE - SHADER ROAD	2540 SHADER ROAD	ORLANDO	32808
3889	UNITED STATES COLD STORAGE - SAND LAKE ROAD	2292 SAND LAKE ROAD	ORLANDO	32809-
3890	UNITED STATES COLD STORAGE - EUNICE AVENUE	2901 EUNICE AVENUE	ORLANDO	32808
3891	UNIVERSITY OF CENTRAL FLORIDA	4000 CENTRAL FLORIDA BOULEVARD	ORLANDO	32816-3500
3894	SPRINT - A EARTH STATION	17401 WEEWAHOOTEE ROAD	ORLANDO	32832-9701
3896	UTILITIES INC OF FLORIDA - OAKLAND SHORES WTP	620 LAKE SHORE DRIVE	MAITLAND	32751
3897	UTILITIES INC OF FLORIDA - BEAR LAKE WTP	1345 LAKE ASHER CIRCLE	APOPKA	32703
3911	STORY WATER SYSTEMS - TWYFORD INTERNATIONAL	4051 FUDGE ROAD	APOPKA	32703
3916	WINN DIXIE STORES - ORLANDO	3015 COASTLINE DRIVE	ORLANDO	32804-
			WINTER	
3918	WINTER GARDEN CITRUS GROWERS ASSOCIATION - BUSINESS	75 SOUTH 2 STREET	GARDEN	34787-
3922	ZELLWOOD STATION CO OP - WTP	CAYMAN CIRCLE NEAR NORTH CITRUS CIRCLE	ZELLWOOD	32798-
3923	NATIONAL SERVICE INDUSTRIES - ZEP MANUFACTURING---3923	7322 EXCHANGE DRIVE	ORLANDO	32809
3929	MCI - OLDOFL	69 WEST CONCORD STREET	ORLANDO	32801-1332
4711	TANNER INDUSTRIES	2530 VULCAN ROAD	APOPKA	32703
4962	MCI - ORLLFL	250 SOUTH ORANGE AVENUE	ORLANDO	32801
5081	TRI COUNTY CHEMICAL	7375 OVERLAND ROAD	ORLANDO	32810
5324	MID FLORIDA FREEZER WAREHOUSES---5324	2560 NORTH US 441	PLYMOUTH	32768
5325	MID FLORIDA FREEZER WAREHOUSES---5325	2567 ORANGE AVENUE	PLYMOUTH	32768
5392	CITY OF OCOEE - WTP 3	1108 JAMELA DRIVE	OCOEE	34761-
			WINTER	
5475	LOUIS DREYFUS CITRUS - WINTER GARDEN	355 SOUTH 9 STREET	GARDEN	34787-0355
5645	CHEMICAL SYSTEMS OF FLORIDA	6429 WEST JONES AVENUE	ZELLWOOD	32798
5916	ORANGE COUNTY PUBLIC UTILITY - SUNCREST WTP	10505 UNIVERSITY BOULEVARD	ORLANDO	32817-
5953	ORANGE COUNTY PUBLIC UTILITY - HOLIDAY HEIGHTS WTP	8832 AVA LAKE DRIVE	ORLANDO	32810-
5956	ORANGE COUNTY PUBLIC UTILITY - UNIVERSITY SHORES WTP	2600 HARRELL ROAD	ORLANDO	32812
5980	ORANGE COUNTY PUBLIC UTILITY - MEADOW WOODS WWTP	1707 RHODE ISLAND WOODS CIRCLE	ORLANDO	32824-
5982	ORANGE COUNTY PUBLIC UTILITY - SOUTH WATER RECLAMATION PLANT	4760 SAND LAKE ROAD - STATE ROAD 482	ORLANDO	32819-
6092	GROVES MHP - WWTP	6775 STARDUST LANE	ORLANDO	32818
6409	PEPSI BOTTLING GROUP - NATIONAL BEVERAGES	1700 DIRECTORS ROW	ORLANDO	32809-6299
6417	COCA COLA ENTERPRISES - ORLANDO	2900 MERCY DRIVE	ORLANDO	32808
6554	M A BRUDER AND SONS PAINTS	720 CENTRAL FLORIDA PARKWAY	ORLANDO	32824
6556	CITY OF COCOA - CLAUDE H DYAL WTP	28400 STATE ROAD 520	CHRISTMAS	32709-
6701	CITY OF COCOA - WEWAHOOTEE PUMP STATION	WELLFIELD ROAD	CHRISTMAS	32709-

6905	SYSCO FOOD SERVICES OF CENTRAL FLORIDA	200 WEST STORY ROAD	OCOE	34761
6999	UNIVERSAL ORLANDO	1000 UNIVERSAL STUDIOS PLAZA	ORLANDO	32819
7200	TRIANGLE REPROGRAPHICS	417 WEST GORE STREET	ORLANDO	32806-
7244	AIR LIQUIDE INDUSTRIAL - ORLANDO	9857 BACHMAN ROAD	ORLANDO	32824
7400	TOWN OF OAKLAND - WTP	220 NORTH TUBB STREET	OAKLAND	34760-
7436	AMERICAN REPROGRAPHIC	750 CLAY STREET	WINTER PARK	32789
7563	BURRIS LOGISTICS - ORLANDO	1601 ATLANTA AVENUE	ORLANDO	32806
7648	E C C INTERNATIONAL	2001 WEST OAK RIDGE ROAD	ORLANDO	32809-3803
7699	CITY OF WINTER PARK - WTP 3	926 WYMORE ROAD	WINTER PARK	32789
7701	CITY OF WINTER PARK - WTP 5	3200 UNIVERSITY BOULEVARD	WINTER PARK	32789
7953	C V S PHARMACE - DISTRIBUTION CENTER 880	8201 CHANCELLOR DRIVE	ORLANDO	32809
8233	TAFT WATER ASSOCIATION	1129 PINE STREET	ORLANDO	32824
8870	GIANT WAREHOUSING	3090 PENNINGTON DRIVE	ORLANDO	32804-
8895	GRAND CYPRESS FLORIDA	5 EQUESTRIAN DRIVE	ORLANDO	32836-
8965	AIRGAS SOUTH - ORLANDO	2601 SOUTH DIVISION AVENUE	ORLANDO	32805
10213	UTILITIES INC OF FLORIDA - JANSEN WTP	6235 BEAR LAKE TERRACE	APOPKA	32703-
10217	ORLANDO UTILITIES COMMISSION - SKY LAKE WATER PLANT	502 SAND LAKE ROAD	ORLANDO	32822
10491	PINELOCH MANAGEMENT - SOUTHERN WAREHOUSING	102 WEST PINELOCH STREET, SUITE 10	ORLANDO	32806-
13540	PLANT FOOD SYSTEMS - PRODUCTION FACILITY	2827 UNION STREET	ZELLWOOD	32798-
13781	A T AND T CORPORATION - FLF960	9701 SOUTH JOHN YOUNG PARKWAY	ORLANDO	32819-8619
14178	ORANGE COUNTY PUBLIC UTILITY - CYPRESS WALK RECLAMATION	11900 NORTH STATE ROAD 535	ORLANDO	32836-
15111	PRIMESOURCE - ORLANDO	3800 COMMERCE LOOP	ORLANDO	32808-
15451	MONTEREY MUSHROOMS	5949 SADLER ROAD	ZELLWOOD	32798-
15983	EMBARQ FLORIDA - APOPKA GENERAL OFFICE	555 LAKE BORDER DRIVE	APOPKA	32703
15984	EMBARQ FLORIDA - APOPKA OFFICE	200 EAST 2 STREET	APOPKA	32703-4326
15985	EMBARQ FLORIDA - WINTER GARDEN OFFICE	33 NORTH MAIN STREET	WINTER GARDEN	34787-2824
15987	EMBARQ FLORIDA - WINTER PARK OFFICE	151 SOUTH NEW YORK AVENUE	WINTER PARK	32789-
15988	EMBARQ FLORIDA - MAITLAND PARK OFFICE	501 NORTH KELLER ROAD	MAITLAND	32751-
16470	LOMBARDIS SEAFOOD	7491 BROKERAGE DRIVE	ORLANDO	32809-5623
16495	EMBARQ FLORIDA - NICEVILLE OFFICE	522 27 STREET	NICEVILLE	32703
16910	WALGREENS DISTRIBUTION CENTER	2455 PREMIER ROW	ORLANDO	32809-5604
18226	EXIDE TECHNOLOGIES - ORLANDO	3702 SILVER STAR ROAD	ORLANDO	32808-
18514	ROMA FOOD ENTERPRISES OF FLORIDA	2901 TITAN ROW SUITE 136	ORLANDO	32809-
18524	ORANGE COUNTY FLEET MANAGEMENT - SAND LAKE ROAD SITE	4760 SAND LAKE ROAD	ORLANDO	32819
18932	BELLSOUTH TELECOMMUNICATIONS - 33337	2315 EAST CENTRAL AVENUE	ORLANDO	32803-
19105	CITY OF WINTER GARDEN - WTP 3	1025 FULLERS CROSS ROAD	WINTER GARDEN	34787-
19432	ORLANDO COGEN	8275 EXCHANGE DRIVE	ORLANDO	32809-
19828	BELLSOUTH TELECOMMUNICATIONS - 33332	6621 SOUTH ORANGE AVENUE	ORLANDO	32809-
19850	BELLSOUTH TELECOMMUNICATIONS - 33223	5120 SILVER STAR ROAD	ORLANDO	32808-4544
19851	BELLSOUTH TELECOMMUNICATIONS - 33320	7320 LAKE UNDERHILL ROAD	ORLANDO	32822-6055

19852	BELLSOUTH TELECOMMUNICATIONS - 33361	4959 WEST SANDLAKE ROAD	ORLANDO	32819-9527
20760	ALLEN AND ASSOCIATES SERVICES GROUP	7649 CURRENCY DRIVE	ORLANDO	32809-
20999	COMMERCIAL POOL SERVICE - JEWISH COMMUNITY CENTER	851 NORTH MAITLAND AVENUE	MAITLAND	32751-
21107	A T AND T WIRELESS - BEAR LAKE 7634	1914 SOUTH ORANGE BLOSSOM TRAIL	APOPKA	32703-
21491	BELLSOUTH MOBILITY - SITE 001 OLD MTSO	1320 SOUTH ATLANTA AVENUE	ORLANDO	32806-
21492	NEW CINGULAR WIRELESS - ORLANDO MTSO I	1309 SOUTH DIVISION STREET	ORLANDO	32806-
21568	COMMERCIAL CHEMICAL PRODUCTS---21568	5600 CARDER ROAD	ORLANDO	32810-
22276	BELLSOUTH TELECOMMUNICATIONS - 33314	19544 EAST COLONIAL DRIVE	ORLANDO	32820-3709
22489	EMBARQ FLORIDA - ORLANDO SMNI OFFICE	200 EAST ROBINSON STREET - SUITE 100	ORLANDO	32801-1981
22519	EMBARQ FLORIDA - VICTOREEN OFFICE	350 NORTH MAITLAND AVENUE	MAITLAND	32751-
22520	EMBARQ FLORIDA - WINDERMERE OFFICE	211 NORTH MAIN STREET	WINDERMERE	34786-
22743	ORANGE COUNTY - WESTERN REGIONAL WATER SUPPLY FACILITY	2552 LAKEVILLE ROAD	ORLANDO	32703
22775	SHAW INDUSTRIES - PLANT 51	2900 TITAN ROW - SUITE 100	ORLANDO	32809-
23466	CENTRAL REPROGRAPHICS	1612 NORTH ORANGE AVENUE	ORLANDO	32804-
24066	TOWN OF EATONVILLE - WTP	11 MOSLEY STREET	EATONVILLE	32751-
25102	ORLANDO UTILITIES COMMISSION - SOUTHWEST WATER PLANT	6755 MANLIE SMITH ROAD	ORLANDO	32819-
25202	A T AND T WIRELESS - INTERNATIONAL DRIVE	2700 TITAN ROAD	ORLANDO	32801-
25203	A T AND T WIRELESS - LAKE DESTINY	2405 DIANJO DRIVE	ORLANDO	32810-
25359	A T AND T WIRELESS - CURRY FORD 7671	709 SOUTH SEMORAN BOULEVARD	ORLANDO	32807-
25371	A T AND T WIRELESS - ORLOVISTA 7676	5600 CONCORD	ORLANDO	32802-
25539	SPRINT - ORLANDO PCS BTA SWITCH	360 SOUTH LAKE DESTINY DRIVE	ORLANDO	32810-
25563	MCLANE FOODSERVICE	2444 TRADEPORT DRIVE	ORLANDO	32824-
25934	NEW CINGULAR WIRELESS - RESEARCH PARKWAY 34	12150 RESEARCH PARKWAY	ORLANDO	32826-
25944	A T AND T WIRELESS - LAKE LUCERNE 7680	740 SOUTH HUGHEY	ORLANDO	32801-
25945	A T AND T WIRELESS - ROSEMONT 7681	4340 NORTH ORANGE BLOSSOM TRAIL	ORLANDO	32804-
25948	A T AND T WIRELESS - PINE HILLS	5005 SILVER STAR ROAD	ORLANDO	32808-
25952	A T AND T WIRELESS - ORLANDO WEST	37 LORNA DOONE BOULEVARD	ORLANDO	32801-
25957	A T AND T WIRELESS - ZELLWOOD 7657	5250 SADLER ROAD	ZELLWOOD	32798-
26181	A T AND T CORPORATION - WINTER PARK	131 COLE AVENUE	WINTER PARK	32789-
26272	CITY OF MAITLAND - WTP 4	801 NORTH THISTLE LANE	EATONVILLE	32751-
26344	CITY OF MAITLAND - WTP 6	360 NORTH KELLER ROAD	MAITLAND	32751-
26457	BELLSOUTH TELECOMMUNICATIONS - 33222	45 NORTH MAGNOLIA AVENUE - FLOORS 2 AND 6	ORLANDO	32801-2427
27373	CENTRAL FLORIDA RESEARCH PARK - WTP	5050 TECHNOLOGY PARKWAY	ORLANDO	32826-
27419	UNIVAR U S A - ORLANDO	5051 L B MCLEOD ROAD - SUITE D	ORLANDO	32811-
27481	LEVEL 3 COMMUNICATIONS - ORLDFL1W	510 COLUMBIA STREET	ORLANDO	32805-3870
27501	QWEST - ORLANDO ROW POP	121 WEBER STREET	ORLANDO	32803
27542	ZELLWOOD STATION CO OP - WWTP	GREENBLUFF ROAD NEAR PUTTER ROAD	ZELLWOOD	32798-
27576	CINTAS - ORLANDO	4392 SOUTHWEST 34	ORLANDO	32811-
27694	CITY OF MAITLAND - WTP 5	550 WYMORE ROAD	EATONVILLE	32751-
27723	MCI - OREVFL	400 SOUTH LAKE DESTINY ROAD	ORLANDO	32810-

27895	LEVEL 3 COMMUNICATIONS - ORLDFLA1	5915 SOUTH RIO GRANDE AVENUE	ORLANDO	32809-4637
27900	ORLANDO UTILITIES COMMISSION - SOUTHEAST WATER PLANT	12459 BOGGY CREEK ROAD	ORLANDO	32824-
28027	ORANGE COUNTY PUBLIC UTILITY - MAGNOLIA WOODS WTP	105 MARKEL DRIVE	WINTER GARDEN	34787-
28172	LEVEL 3 COMMUNICATIONS - ORLANDO	380 LAKE DESTINY DRIVE	ORLANDO	32810-
28287	A T AND T CORPORATION - ORLANDO	1151 NORTH KELLER STE C RD	ORLANDO	32810
28618	A T AND T - ORLANDO DATA CENTER	6031 SOUTH RIO GRANDE AVENUE	ORLANDO	32806-
28651	T MOBILE - ORLANDO	200 TELECOM DRIVE	ORLANDO	32810-
28821	S B C TELECOM - ORLANDO	8350 PARKLINE BOULEVARD - SUITE 120	ORLANDO	32809-
28886	PRECISION PAPER - WAREHOUSE	2500 INDUSTRIAL BOULEVARD	ORLANDO	32804-
28966	GLOBAL CROSSING - ORLANDO	1319 DIVISION AVENUE	ORLANDO	32805-
28997	MCLEOD USA	440 WEST KENNEDY BOULEVARD - SUITE 100	EATONVILLE	32751-
29072	SEARS ROEBUCK AUTO CENTER - 6495	9405 COLONIAL DRIVE	OCOEE	34761-
29074	SEARS ROEBUCK AUTO CENTER - 6124	8001 SOUTH ORANGE BLOSSOM TRAIL	ORLANDO	32809-
29075	SEARS ROEBUCK AUTO CENTER - 6476	3811 EAST COLONIAL DRIVE	ORLANDO	32803-5238
29279	NEXTEL SOUTH - ORLANDO MSO	1101 NORTH KELLER ROAD - SUITE H	ORLANDO	32810-
29301	LEVEL 3 COMMUNICATIONS - FL025	1 SOUTH ORANGE AVENUE - SUITES 501-503	ORLANDO	32801-
29375	SCHENCK COMPANY	3964 SHADER ROAD	ORLANDO	32808-
29406	LEVEL 3 COMMUNICATIONS - WINTER PARK FL200	1150 NORTH ORANGE AVENUE	WINTER PARK	32789-
29449	A F L NETWORK SERVICES - SOUTHEAST	9561 SATELLITE BOULEVARD - SUITE 315	ORLANDO	32837-
29453	BURRIS LOGISTICS - ORLANDO AIRPORT FACILITY	10900 CENTRAL PORT DRIVE	ORLANDO	32824-
29481	B W I COMPANIES - APOPKA	3700 WEST ORANGE BLOSSOM TRAIL	APOPKA	32712-
29483	MCI - ORCVFL	225 EAST ROBINSON STREET - LANDMARK II	ORLANDO	32801-4322
29507	MCI - ORLDFL	201 SOUTH ORANGE AVENUE	ORLANDO	32801-3458
29590	QWEST - ORLANDO TI	3621 ALL AMERICAN BOULEVARD	ORLANDO	32810
29660	SAMS CLUB - STORE 6218	7810 WEST COLONIAL DRIVE	ORLANDO	32818-
29661	SAMS CLUB - STORE 8290	9498 SOUTH ORANGE BLOSSOM TRAIL	ORLANDO	32821-
29662	SAMS CLUB - STORE 6212	7701 EAST COLONIAL DRIVE	ORLANDO	32807-
29760	FISKARS BRANDS	3000 WEST ORANGE AVENUE	APOPKA	32703-
29821	DELTACOM - ORLANDO WEST	8248 PARKLINE BOULEVARD - SUITE 180	ORLANDO	32809-
29931	PROGRESS TELECOM - CARRIER HOTEL	1150 SOUTH ORANGE AVENUE	WINTER PARK LAKE BUENA VISTA	32789
29948	RENTAL SERVICE - PRIME INDUSTRIAL 837	3650 BONNET CREEK ROAD	VISTA	32830
29955	RENTAL SERVICE - 704	327 THORPE ROAD	ORLANDO	32824
30118	CONSTAR - SOUTH ORANGE	7400 SOUTH ORANGE AVENUE	ORLANDO	32809
30119	CONSTAR - LANDSTREET	901 LANDSTREET ROAD	ORLANDO	32829
30135	CON-WAY FREIGHT - ORLANDO	10451 ROCKET COURT	ORLANDO	32824
30142	CABLE AND WIRELESS USA - ORLANDO	250 SOUTH ORANGE STREET - 4TH FLOOR	ORLANDO	32801
30275	CROWN CASTLE - PINE HILLS - 812832	5041 SILVER STAR ROAD	ORLANDO	32808
30278	CROWN CASTLE - WINDERMERE ORL045 - 813162	13108 OVERSTREET ROAD	WINDERMERE	34786
30445	A T AND T WIRELESS - LACY WOODS 14520	4477 CLARCONAOCOEE ROAD	ORLANDO	32810
30477	FUJIFILM GRAPHIC SYSTEMS	1900 ALDEN ROAD	ORLANDO	32803

30619	ORLANDO PERISHABLE CENTER	4121 CENTERPORT STREET	ORLANDO	32827
30747	CURTIS H STANTON ENERGY CENTER- STANTON A	5150 SOUTH ALFAYA TRAIL	ORLANDO	32831
30902	DELTACOM - ORLANDO	201 SOUTH ORANGE AVENUE - SUITE 750	ORLANDO	32801
31077	COSTCO WHOLESALE - 184	2101 WATERBRIDGE ROAD	ORLANDO	32837
31078	COSTCO WHOLESALE - 185	3333 UNIVERSITY BOULEVARD	WINTER PARK	32792
31233	CHRYSLER LLC	10300 BOGGY CREEK ROAD	ORLANDO	32824
31237	AIRGAS SOUTH - ORLANDO	3100 SILVER STAR ROAD	ORLANDO	32808
31317	I T C DELTA COM - ORLANDO	201 S ORANGE AVENUE	ORLANDO	32801
31352	FISHER SCIENTIFIC - ORLANDO	6301 HAZELTINE NATIONAL DRIVE	ORLANDO	32822
31652	MCI - ORHCFL	111 NORTH ORANGE AVENUE	ORLANDO	32801-2316
31717	COMMERCIAL CHEMICAL PRODUCTS - ORLANDO	10201 ROCKET COURT - SUITE 300	ORLANDO	32824
31776	EXIDE TECHNOLOGIES - ORLANDO BRANCH	4677 L B MCLEOD ROAD - SUITE G	ORLANDO	32811
31898	E D S INFORMATION SERVICES - ORLANDO	12350 RESEARCH PARKWAY	ORLANDO	32826
32041	BENJAMIN MOORE AND COMPANY - ORLANDO	9592 PARKSOUTH COURT	ORLANDO	32837
32051	FLORIDA POWER AND LIGHT FIBERNET - ORLANDO FIBER NODE	4248 PARKLINE BOULEVARD	ORLANDO	32809
32055	BEHR PROCESS	7000 KINGSPONTE PARKWAY	ORLANDO	328198594
32189	ATLANTIC NET - DATA CENTER	440 WEST KENNEDY BOULEVARD - SUITE 3	ORLANDO	32810-6277
32245	CHARLES SCHWAB	1958 SUMMIT PARK DRIVE	ORLANDO	32810-5938
32381	INTERSTATE BATTERIES OF CENTRAL FLORIDA	5336 OLD WINTER GARDEN ROAD - UNIT 4	ORLANDO	32811
32436	FLORIDA LIFT SYSTEMS - ORLANDO	11000 PALMBAY DRIVE - SUITE A	ORLANDO	32824
32541	SEARS LOGISTICS SERVICES - WAREHOUSE 78250	3825 FORSYTH ROAD	WINTER PARK	32792
32758	ROSEN SHINGLE CREEK	9937 UNIVERSAL BOULEVARD	ORLANDO	32819
32937	LEVEL 3 COMMUNICATIONS - ORLANDO CO	130 WEBER STREET	ORLANDO	32803-3830
32963	VERIZON WIRELESS - OLANDO SWITCH	3503 TECHNOLOGICAL AVENUE	ORLANDO	32817
33045	KRAFT FOODS GLOBAL - ORLANDO	1000 MID FLORIDA DRIVE	ORLANDO	32824-7048
33135	EXIDE TECHNOLOGIES - ORLANDO GNB	11499 ROCKET BOULEVARD	ORLANDO	32824
33141	LEVEL 3 COMMUNICATIONS - WINDERMERE	5551 VINELAND ROAD	WINDERMERE	34786
33364	VERIZON - ORLANDO	440 WEST KENNEDY BOULEVARD	ORLANDO	32801
33389	P J FOOD SERVICE	9600 DELEGATES DRIVE	ORLANDO	32837
33425	SPRINT - ORLANDO SWITCH DESERT RANCH	17401 WEEHWAHOOTEE ROAD - B	ORLANDO	32832
33498	ADELPHIA - ORLANDO	4102 L B MCLEOD ROAD - SUITE C2	ORLANDO	32811
33522	SYGMA NETWORK - ORLANDO	6375 EMPEROR DRIVE	ORLANDO	32809
33540	BARLOWORLD HANDLING - ORLANDO	4495 SOUTHWEST 36 STREET	ORLANDO	32811
33648	CROWN LIFT TRUCKS - ORLANDO	404 SUNPORT LANE - SUITE 150	ORLANDO	32809-8131
33649	WALGREENS CORPORATION - CHANCELLOR	7475 CHANCELLOR	ORLANDO	32809
33673	JENARD FRESH	1144 MID FLORIDA DRIVE	ORLANDO	32824
33701	U S LEC OF FLORIDA - ORLANDO	258 SOUTHHALL LANE - SUITE 330	MAITLAND	32751
33731	MCI - ORVZFL	440 KENNEDY BOULEVARD	ORLANDO	32810
33737	HUGHES SUPPLY - HG0095	3655 OLD WINTER GARDEN ROAD	ORLANDO	32858
33745	C V S PHARMACY - DISTRIBUTION CENTER 887	10400 ROCKET COURT	ORLANDO	32824-8560
33771	ASHLEY FURNITURE INDUSTRIES - ORLANDO DC	1401 TRADEPORT DRIVE	ORLANDO	32824-7259

33900	UNISOURCE WORLDWIDE - ORLANDO DISTRIBUTION	3200 MERCY DRIVE	ORLANDO	32808-3149
33993	E X C E L TELECOMMUNICATIONS - ORLANDO SWITCH SITE	250 NORTH ORANGE AVENUE - SUITE 200	ORLANDO	32801-1816
34065	CONTINENTAL AIRLINES	9809 TRADEPORT DRIVE	ORLANDO	32827-5338
34108	OFFICE DEPOT - ORLANDO CSC 1085	1151-B GILLS DRIVE	ORLANDO	32809
34109	OFFICE DEPOT - ORLANDO CROSS DOCK 3063	2002 DIRECTORS ROW	ORLANDO	32809
34117	NISSAN NORTH AMERICA - ORLANDO PARTS	7315 KINGSPORTE PARKWAY	ORLANDO	37167
34255	COMCAST OF FLORIDA/GEORGIA - ORLANDO	4102 L B MCLEOD ROAD	ORLANDO	32819
34279	A T AND T CORPORATION - ORLANDO - CHANCELLOR DRIVE	6101 CHANCELLOR DRIVE	ORLANDO	32809
34638	GRAYBAR ELECTRIC COMPANY - ORLANDO	2400 SOUTH DIVISION AVENUE	ORLANDO	32805
34830	U PULL AND PAY	1157 JETSTREAM DRIVE	ORLANDO	32824
34866	UNITED LAUNCH ALLIANCE - TRADEPORT DEPOT SUPPORT	1700 TRADEPORT DRIVE	ORLANDO	32824

## Osceola County

SERC	Facility Name	Facility Address	City	Zipcode
3907	WALT DISNEY WORLD	3020 MAINGATE LAND	KISSIMMEE	34747
3947	TOHO WATER AUTHORITY - PARKWAY RECLAMATION TOHO WATER AUTHORITY - CAMELOT RECLAMATION FACILITY	2550 FORTUNE ROAD	KISSIMMEE	34743-
3948		5400 CAMELOT COUNTRY WAY	KISSIMMEE	34741-
3953	TOHO WATER AUTHORITY - SOUTH BERMUDA WWTP KISSIMMEE UTILITY AUTHORITY - ROY B HANSEL POWER PLANT	1616 SOUTH JOHN YOUNG PARKWAY	KISSIMMEE	34742-
3961		102 LAKESHORE BOULEVARD	KISSIMMEE	34741-
3979	QUAKER OATS - SVC MANUFACTURING	1650 SOUTH POINCIANA BOULEVARD	KISSIMMEE	34746
7428	TOHO WATER AUTHORITY - INDIAN RIDGE WTP	7640 SANDHILL ROAD	KISSIMMEE	34742
7558	CITY OF SAINT CLOUD - WWTP	2800 LAKESHORE BOULEVARD	SAINT CLOUD	34769
8173	PORT O CALL OF ORLANDO	5195 WEST IRLO BRONSON HIGHWAY	KISSIMMEE	34746
8256	GOOD SAMARITAN RETIREMENT VILLAGE	4020 NORTHGATE DRIVE	KISSIMMEE	34746
8599	CLARKS WWTP AND WTP SERVICE - PLEASANT HILL LAKES	2551 FOXBORO COURT	KISSIMMEE	34746-
9265	MCLANE SUNEAST	1818 POINCIANA BOULEVARD	KISSIMMEE	34758-
9316	TOHO WATER AUTHORITY - MORNINGSIDE VILLAGE WTP	3250 SUNBEAM COURT	KISSIMMEE	34744-
9422	CITY OF SAINT CLOUD - MAJESTIC OAKS	5371 MAJESTIC ISLAND CIRCLE	ST CLOUD	34771-
10774	STORY WATER SYSTEMS - ORLANDO SUN RESORT	6375 WEST IRLO BRONSON MEMORIAL HIGHWAY	KISSIMMEE	34741-
10901	CLARKS WWTP AND WTP SERVICE - EAST LAKE FISH CAMP	3705 BIG BASS ROAD	KISSIMMEE INTERCESSION CITY	34744-
13033	PROGRESS ENERGY - INTERCESSION CITY POWER PLANT	6525 OSCEOLA POLK COUNTY LINE ROAD	CITY	33848-
15991	EMBARQ FLORIDA - KISSIMMEE OFFICE	418 EAST BROADWAY	KISSIMMEE	34741-5720
15992	EMBARQ FLORIDA - WEST KISSIMMEE OFFICE	3080 VINELAND ROAD	KISSIMMEE	34746-5515
22503	EMBARQ FLORIDA - SHINGLE CREEK RLS KISSIMMEE UTILITY AUTHORITY - CANE ISLAND POWER PARK	3473 WEST VINE STREET	KISSIMMEE INTERCESSION CITY	34741-4668
23026		6075 OLD TAMPA HIGHWAY	CITY	33848-
24800	JELD WEN - KISSIMMEE	1700 AVENUE A	KISSIMMEE	34758-
24825	ROYAL BATTERY - KISSIMMEE	2580 NORTH ORANGE BLOSSOM TRAIL	KISSIMMEE	34744-
27673	LEASCO REALTY DBA FLORIDAN R V RESORT CITY OF KISSIMMEE - CAPTAIN KIDD AMERICAN ADVENT WTP	5150 BOGGY CREEK ROAD	SAINT CLOUD	34771-
28530		8550 WEST IRLO BRONSON MEMORIAL HIGHWAY	KISSIMMEE	34747-
28840	LEVEL 3 COMMUNICATIONS - KENANSVILLE	390 SOUTH CANOE CREEK ROAD	KENANSVILLE	34739-
29841	RELIANT ENERGY - OSCEOLA	4200 HOLOPAW ROAD	SAINT CLOUD	34773-
30415	WINDSOR METAL SPECIALTIES DEPARTMENT OF TRANSPORTATION - CANOE CREEK SERVICE PLAZA	1820 AVENUE A	KISSIMMEE	34758
30621		FLORIDA TURNPIKE - MILE POST 229	SAINT CLOUD	34769
30911	DAVIS SUPPLY - SAINT CLOUD	2100 HICKORY TREE ROAD	SAINT CLOUD	34772
31484	TUPPERWARE	14901 SOUTH ORANGE BLOSSOM TRAIL	KISSIMMEE	32837-6600
31786	TOHO WATER AUTHORITY - MORNING SIDE WATER PLANT	2250 SUNBEAM COURT - 31786	KISSIMMEE	34741
31959	ROYAL BATTERY - KISSIMMEE	2580 NORTH ORANGE BLOSSOM TRAIL	KISSIMMEE	34744
32404	VISTAR / VSA	1700 AVENUE B	KISSIMMEE	34758
32602	LOWES HOME CENTERS - 1419	2651 HAM BROWN ROAD	KISSIMMEE	34746

32917	ICE FACTORY OF CENTRAL FLORIDA - SKATING RINK	2221 PARTIN SETTLEMENT ROAD	KISSIMMEE	34744-4958
32944	TOHO WATER AUTHORITY - HARMONY WATER PLANT	7200 EAST IRLO BRONSON HIGHWAY	SAINT CLOUD	
33016	SAMS CLUB - STORE 4782	4763 WEST IRLO BRONSON MEMORIAL HIGHWAY	KISSIMMEE	34746
34669	DESERET CATTLE AND CITRUS	4155 DEER PARK ROAD	SAINT CLOUD	34773-9381

## Seminole County

SERC	Facility Name	Facility Address	City	Zip code
2020	UTILITIES INC OF FLORIDA - WEATHERSFIELD WTP AND WWTP	200 WEATHERSFIELD AVENUE	ALTAMONTE SPRINGS	32714
4703	CITY OF LONGWOOD - WTP 1	180 EAST WARREN AVENUE	LONGWOOD	32750
4704	CITY OF LONGWOOD - WTP 2	RANGELINE ROAD AT CHURCH AVENUE	LONGWOOD	32750
4724	PHOTO CHEMICAL SYSTEMS	310 ANCHOR ROAD	CASSELBERRY	32707-3296
4726	T I GROUP AUTOMOTIVE SYSTEMS	2650 JEWETT LANE	SANFORD	32771-1678
4730	UTILITIES INC OF FLORIDA - KNOLLWOOD WTP	100 SOUTH PRESSVIEW AVENUE	LONGWOOD	32750
4734	TUSKAWILLA TRAILS HOMEOWNERS ASSOCIATION	1070 CHEYENNE TRAIL	WINTER SPRINGS	32708
4741	UTILITIES INC OF FLORIDA - RAVENNA PARK WTP	109 TEMPLE DRIVE	SANFORD	32771
4742	UTILITIES INC OF FLORIDA - PARK RIDGE WTP	103 WEST RIDGE DRIVE	SANFORD	32771
4750	SEMINOLE COUNTY - SOUTHEAST REGIONAL WTP	3300 DIKE ROAD	WINTER HAVEN	32791
4751	SEMINOLE COUNTY - COUNTRY CLUB WTP	299 BAY SILK PLACE	LAKE MARY	32746-
4752	SEMINOLE COUNTY - GREENWOOD LAKES WWTP	701 GREENWAY BOULEVARD	LAKE MARY	32746-
4757	SEMINOLE COUNTY - INDIAN HILLS WTP	1900 WILSHIRE BOULEVARD	FERN PARK	32730-
4759	SEMINOLE COUNTY - LAKE MONROE WTP	197 HICKMAN DRIVE	SANFORD	32773-
5398	CITY OF OVIEDO - A M JONES WATER PLANT	1600 ALAFAYA WOODS BOULEVARD	OVIEDO	32765-
5821	CITY OF WINTER SPRINGS - WEST WTP 3	110 WEST BAHAMA ROAD	WINTER SPRINGS	32708
5822	CITY OF WINTER SPRINGS - WEST WWTP	1000 WEST STATE ROAD 434	WINTER SPRINGS	32708
5908	FLORIDA WATER SERVICES - FLORIDA COMMERCE PARK WWTP	140 HOPE STREET	LONGWOOD	32750-
5990	FLORIDA WATER SERVICES - APPLE VALLEY WTP	109 HILLCREST STREET	ALTAMONTE SPRINGS	32714-
6151	PARKER HANNIFIN - EXPANSION VALVE FACILITY	777 BENNETT DRIVE	LONGWOOD	32750
7001	CITY OF SANFORD - MAIN WTP	3700 COUNTRY CLUB ROAD	SANFORD	32773
7002	CITY OF SANFORD - AUXILIARY WTP	3100 SOUTH ORLANDO DRIVE	SANFORD	32771
7003	CITY OF SANFORD - BOOSTER PLANT	1303 FRENCH AVENUE	SANFORD	32771-3407
7052	CITY OF WINTER SPRINGS - EAST WWTP	1560 WINTER SPRINGS BOULEVARD	WINTER SPRINGS	32708
7053	CITY OF WINTER SPRINGS - EAST WTP 1	851 NORTHERN WAY	WINTER SPRINGS	32708
9202	UTILITIES INC OF FLORIDA - SHADOW HILLS WWTP	925 LONGWOOD HILLS ROAD	LONGWOOD	32750-
13739	CITY OF ORLANDO - IRON BRIDGE POLLUTION CONTROL	601 IRON BRIDGE CIRCLE	OVIEDO	32765
15997	EMBARQ FLORIDA - ALTAMONTE SPRINGS OFFICE	450 SANFORD AVENUE	ALTAMONTE SPRINGS	32701-
15998	EMBARQ FLORIDA - CASSELBERRY OFFICE	1510 LAKE DRIVE	CASSELBERRY	32707-3614
15999	EMBARQ FLORIDA - LAKE BRANTLEY OFFICE	916 STATE ROAD 434	ALTAMONTE SPRINGS	32714-
16000	EMBARQ FLORIDA - GOLDENROD OFFICE	7601 CITRUS AVENUE	GOLDENROD	32733-
18693	CITY OF ALTAMONTE SPRINGS - WATER RECLAMATION FACILITY	950 KELLER ROAD	ALTAMONTE SPRINGS	32714-
18694	CITY OF ALTAMONTE SPRINGS - WTP 2	800 OAKLAND ROAD	ALTAMONTE SPRINGS	32701
18696	CITY OF ALTAMONTE SPRINGS - WTP 4	370 SAN SEBASTIAN PRADO	ALTAMONTE SPRINGS	32714-

18697	CITY OF ALTAMONTE SPRINGS - WTP 5	1207 MCNEIL ROAD	ALTAMONTE SPRINGS	32714-
19228	CONVERGYS INFORMATION MANAGEMENT - LAKE MARY	285 / 287 INTERNATIONAL PARKWAY	LAKE MARY	32746-
19840	BELLSOUTH TELECOMMUNICATIONS - 39280	365 INTERNATIONAL DRIVE	LAKE MARY	32746-
21342	BELL CHEM	1340 BENNETT DRIVE	LONGWOOD	32750-
22273	BELLSOUTH TELECOMMUNICATIONS - 33340	501 WEST 9 STREET	SANFORD	32771-2553
22274	BELLSOUTH TELECOMMUNICATIONS - 33319	173 1 STREET	GENEVA	32732-
22278	BELLSOUTH TELECOMMUNICATIONS - 31848	84 SOUTH CENTRAL AVENUE	OVIEDO	32765-
22505	EMBARQ FLORIDA - HOWELL CREEK REMOTE	1389 NORTH SEMORAN BOULEVARD	CASSELBERRY	32707-6503
24083	INTERSTATE BATTERY SYSTEM OF ORLANDO	366 LOYD LANE	OVIEDO	32765-
24946	EAST PENN MANUFACTURING - AMERICAN BATTERY	4180 SAINT JOHNS PARKWAY	SANFORD	32771-
24972	FLORIDA EXTRUDERS INTERNATIONAL	2540 JEWETT LANE	SANFORD	32771-1600
25360	A T AND T - OR47 PALM SPRINGS	SOUTHWEST CORNER SAVAGE ROAD 434	LONGWOOD	32750-
25370	A T AND T - OR49 LAKE HOWELL	2650 HOWELL BRANCH ROAD	LONGWOOD	32791-
25855	EAST PENN - MK BATTERY LONGWOOD	1024 SAVAGE COURT	LONGWOOD	32750-
26266	NEW CINGULAR WIRELESS - MTSO II	500 TECHNOLOGY PARK DRIVE	LAKE MARY	32795-
26322	CASSELBERRY GOLF COURSE	300 SOUTH LAKE TRIPLETT DRIVE	CASSELBERRY	32707-
26636	DEEP SOUTH TRADING	700 WILMA STREET	LONGWOOD	32750-
27862	SIEMENS ICN LAKE MARY - BUILDINGS 1 AND 2	400 RINEHART ROAD - MAIN PLANT	LAKE MARY	32746-
27863	SIEMENS ICN LAKE MARY - BUILDING 8	635 CENTURY POINT	LAKE MARY	32746-
27935	SEARS ROEBUCK AUTO CENTER - 6995	451 EAST ALTAMONTE DRIVE - SUITE 401	ALTAMONTE SPRINGS	32701-
27962	CONAGRA SIGNATURE MEATS	2301 EAST LAKE MARY BLVD.	SANFORD	32773-
28333	VERDICON - UNITED HORTICULTURAL SUPPLY	410 CENTRAL PARK DRIVE	SANFORD	32771-
28387	A T AND T CORPORATION - FLO656	59 SKYLINE DRIVE	LAKE MARY	32746-
28494	A T AND T WIRELESS - SANFORD WEST 7702	1701 LOWE AVENUE	SANFORD	32772-
29085	SEARS ROEBUCK AUTO CENTER - 6986	450 TOWNE CENTER	SANFORD	32771-
29241	SEARS ROEBUCK AUTO CENTER - 2691	1370 OVIEDO MARKETPLACE BOULEVARD	OVIEDO	32765-
29278	NEXTEL SOUTH - LAKE MARY MSO	1150 EMMA OAKS TRAIL - SUITE 100	LAKE MARY	32746-
29314	EPIK COMMUNICATIONS - FL111	522 SOUTH ECON CIRCLE SUITE 100	OVIEDO	32765-
29463	AXON CIRCUIT - LONGWOOD	155 NATIONAL PLACE SUITE 105	LONGWOOD	32750-
29998	FLORIDA RECYCLING SERVICES - ALTAMONTE SPRINGS	1099 MILLER DRIVE	ALTAMONTE SPRINGS	32701
30259	CROWN CASTLE - FL GENEVA	1461 EAST STATE ROAD 46	GENEVA	32732
30299	CITY OF ALTAMONTE SPRINGS - WTP 3	603 CRANES WAY	ALTAMONTE SPRINGS	32701
30474	DUMONT COMPANY - OVIEDO	812 EYRIE DRIVE	OVIEDO	32765
30643	SAMS CLUB - STORE 4785	1101 RINEHART ROAD	SANFORD	32771
30663	SAMS CLUB - STORE 8214	355 SEMORAN BOULEVARD	FERN PARK	32730
31076	COSTCO WHOLESALE - 183	741 ORANGE AVENUE	ALTAMONTE SPRINGS	32714

31330	BELLSOUTH TELECOMMUNICATIONS - 301BH	1100 BUSINESS CENTER DRIVE	LAKE MARY	32746
31594	CONVERGYS INFORMATION MANAGEMENT - LAKE MARY 2	225 INTERNATIONAL PARKWAY	LAKE MARY	32746
32631	MID FLORIDA GOLF CAR - LONGWOOD BRANCH	750 NORTH US HIGHWAY 17-92	LONGWOOD	32750
33008	CITY OF OVIEDO - WEST MITCHELL HAMMOCK WTP	250 WEST MITCHELL HAMMOCK ROAD	OVIEDO	32765
33234	G E CONSUMER FINANCE - WEKIVA SPRINGS	140 WEKIVA SPRINGS ROAD	LONGWOOD	32779
33631	CORE PIPE PRODUCTS	301 BROWN AVENUE	SANFORD	32771
33691	EAST PENN - AMERICAN BATTERY SANFORD	4200 CHURCH STREET - SUITE 1018	SANFORD	32771-6933
34367	NEW CINGULAR WIRELESS - PAYOLA	935 WALLACE COURT	LAKE MARY	32746

## Volusia County

SERC	Facility Name	Facility Address	City	Zip code
	3227 U S FOODSERVICE - NORTH STAR PORT ORANGE	5425 SOUTH WILLIAMSON BOULEVARD	PORT ORANGE	32124-
	4821 ARDMORE FARMS	1915 NORTH WOODLAND BOULEVARD	DELAND	32720-
	4824 BELLSOUTH TELECOMMUNICATIONS - 33846	268 NORTH RIDGEWOOD AVENUE---4824	DAYTONA BEACH	32114-
	4832 CITY OF DAYTONA BEACH - BRENNAN WTP / WWTP	3651 LPGA BOULEVARD	DAYTONA BEACH	32124
	4839 CITY OF DELAND - WELL 2	WEST NEW YORK AVENUE	DELAND	32721-0449
	4841 CITY OF DELAND - WELL 26	2625 WHITEHURST ROAD	DELAND	32721-0449
	4842 CITY OF DELAND - WATER PLANT 3	2700 NORTH WOODLAND BOULEVARD	DELAND	32724-
	4846 CITY OF DELAND - BRANDY TRAILS WWTP	465 EAST LAKE MAMIE ROAD	DELAND	32724
	4847 CITY OF DELAND - WATER PLANT 6	450 SOUTH AMELIA AVENUE	DELAND	32724-
	4848 CITY OF DELAND - WILEY NASH REGIONAL RECLAMATION PLANT	1101 SOUTH AMELIA AVENUE	DELAND	32724
	4850 CITY OF DELAND - WATER PLANT 2	336 WEST MICHIGAN AVENUE	DELAND	32724
	4853 CITY OF DELAND - WATER PLANT 7	938 TORCHWOOD DRIVE	DELAND	32724
	4854 CITY OF DELAND - WATER PLANT 5	290 EAST EUCLID AVENUE	DELAND	32724
	4855 CITY OF DELAND - WATER PLANT 1 AND WELL 8	339 NORTH SPRING GARDEN AVENUE	DELAND	32724
	4856 CITY OF DELAND - WATER PLANT 4	798 EAST MINNESOTA AVENUE	DELAND	32724
	4857 CITY OF DELAND - WATER PLANT 5 AND WELL 9	290 EAST EUCLID	DELAND	32721-0449
	4859 CITY OF EDGEWATER - ADVANCED WWTP	500 WEST OCEAN AVENUE	EDGEWATER	32132-2164
	4863 CITY OF ORMOND BEACH - WTP	301 JEFFERSON STREET	ORMOND BEACH	32174-
	4865 CITY OF PORT ORANGE - RED GARNSEY WTP	4400 WELLFIELD ROAD	DAYTONA BEACH	32119
	4866 CITY OF PORT ORANGE - WWTP	817 OAK STREET	DAYTONA BEACH	32127
	4868 CRANE CAMS	530 FENTRESS BOULEVARD	DAYTONA BEACH	32114-1210
	4890 FLORIDA POWER AND LIGHT - SANFORD POWER PLANT	950 SOUTH US HIGHWAY 17-92 AT BARWICK ROAD	DEBARY	32713-
	4891 PROGRESS ENERGY - DEBARY POWER PLANT	176 WEST HIGHBANKS ROAD	DEBARY	327530179
	4892 PROGRESS ENERGY - TURNER POWER PLANT	201 DEBARY AVENUE	DELTONA	32725-
	4901 HOMAC MANUFACTURING - AVIATOR WAY	1 AVIATOR WAY	ORMOND BEACH	32174-
	4918 TYCO HEALTHCARE KENDALL	2010 EAST INTERNATIONAL SPEEDWAY BOULEVARD	DELAND	32724
	4921 T G LEE DAIRY - 4921	1675 STATE ROAD 472	DELAND	32724
	5010 MCI - DAYDFL	MILEPOST 109 - FLORIDA EAST COAST RAILWY	DAYTONA BEACH	32114-
	5134 KENNEY SOUTHLAND	826 HULL ROAD	ORMOND BEACH	32174
	5943 FLORIDA WATER SERVICES - SUGAR MILL COUNTRY CLUB WTP	86 CLUBHOUSE BOULEVARD	NEW SMYRNA BEACH	32169-
	5944 FLORIDA WATER SERVICES - SUGAR MILL COUNTRY CLUB WWTP	401 CLUBHOUSE BOULEVARD	NEW SMYRNA BEACH	32169-
	6130 VOLUSIA COUNTY UTILITIES - HALIFAX PLANTATION WTP	3990 OLD DIXIE HIGHWAY	ORMOND BEACH	32174-9262
	7164 CITY OF HOLLY HILL - PUBLIC WORKS WTP AND WWTP	1065 RIDGEWOOD AVENUE	HOLLY HILL	32117
	8307 TOWN OF PIERSON - WTP	106 NORTH CENTER STREET	PIERSON	32180
	8788 PIERSON SUPPLY	407 SOUTH CENTER STREET	PIERSON	32180-

9890 VILLAGE OF PINE RUN UTILITY CORP - WTP	100 LIMWOOD PLACE	ORMOND BEACH	32174-
10164 CITY OF NEW SMYRNA BEACH - WTP	2640 PAIGE AVENUE	NEW SMYRNA BEACH	32170-
10165 CITY OF NEW SMYRNA BEACH - WELL 6	STATE ROAD 44 AT SAMSULA	NEW SMYRNA BEACH	32168-
10175 VOLUSIA COUNTY UTILITIES - LAKE MARIE ESTATES WTP	498 WEST DOGWOOD TRAIL	DEBARY	32713
10177 VOLUSIA COUNTY UTILITIES - FOUR TOWNS WWTP	1000 EAST IRIS DRIVE	ORANGE CITY	32763-8014
10178 VOLUSIA COUNTY UTILITIES - FOUR TOWNS WTP	2400 SOUTH US HIGHWAY 17-92	ORANGE CITY	32763-
10181 VOLUSIA COUNTY UTILITIES - DELTONA NORTH WTP	155 WOLF PACK RUN	ORANGE CITY	32725-2928
10182 VOLUSIA COUNTY UTILITIES - GLEN ABBEY WTP	486 EAGLEBROOK COURT	DEBARY	32713-2346
10184 VOLUSIA COUNTY UTILITIES - HIGHLAND COUNTRY WTP	310 WATERFORD HEIGHTS	DEBARY	32713-1918
10186 VOLUSIA COUNTY UTILITIES - BREEZEWOOD WTP	2385 HILLSIDE AVENUE	ORANGE CITY	32763-7748
10188 VOLUSIA COUNTY UTILITIES - SPRUCE CREEK WTP	2 LINDY LOOP	DAYTONA BEACH	32124-6718
15700 A T AND T CORPORATION - DAYTONA BCH TO ORL FT3S FLE750	589 SOUTH COUNTRY CLUB ROAD	DAYTONA BEACH	32114-
16004 EMBARQ FLORIDA - ORANGE CITY OFFICE	219 NORTH VOLUSIA AVENUE	ORANGE CITY	32763-5103
17944 VOLUSIA COUNTY UTILITIES - DELTONA NORTH WWTP	290 WOLF PACK RUN	DELTONA	32725-
18174 EXIDE TECHNOLOGIES - HOLLY HILL	1703 STATE AVENUE	DAYTONA BEACH	32117-
18503 LAKE BERESFORD WATER ASSOCIATION	955 BERESFORD ROAD	DELAND	32720-7277
18505 JOHN KNOX VILLAGE - WTP	101 NORTHLAKE DRIVE	ORANGE CITY	32763-6199
18509 NORTH PENINSULA UTILITIES - SEABRIDGE SEWER	16 SEABRIDGE DRIVE	ORMOND BEACH	32176-
18913 BELLSOUTH TELECOMMUNICATIONS - 33860	316 WEST NEW YORK AVENUE	DELAND	32720-5426
18918 BELLSOUTH TELECOMMUNICATIONS - 33850	829 ORANGE AVENUE	PORT ORANGE	32129-3450
18921 BELLSOUTH TELECOMMUNICATIONS - 33848	22 SOUTH RIDGEWOOD AVENUE	ORMOND BEACH	32174-6310
18968 CITY OF EDGEWATER - ALAN THOMAS WTP	3315 STATE ROAD 442	EDGEWATER	32132-6908
19783 BELLSOUTH TELECOMMUNICATIONS - 32244	1861 MASON AVENUE	DAYTONA BEACH	32117-5102
19786 BELLSOUTH TELECOMMUNICATIONS - 33352	1204 PROVIDENCE BOULEVARD	DELTONA	32725-7327
19846 BELLSOUTH TELECOMMUNICATIONS - 31803	1776 NORTH OCEAN SHORE BOULEVARD	ORMOND BEACH	32176-3238
19847 BELLSOUTH TELECOMMUNICATIONS - 33888	100 CANAL STREET	NEW SMYRNA BEACH	32168-7004
20667 U S FOODSERVICE - ORMAND BEACH	1899 NORTH US HIGHWAY 1	ORMOND BEACH	32174-
21146 A T AND T CORPORATION - DAYTONA BEACH FLE470	268 NORTH RIDGEWOOD AVENUE	DAYTONA BEACH	32114-
22221 VOLUSIA COUNTY UTILITIES - SOUTHWEST REGIONAL WWTP	800 DEBARY PLANTATION BOULEVARD	DEBARY	32713-
22275 BELLSOUTH TELECOMMUNICATIONS - 33315	US HIGHWAY 17-92 AND ANGELES ROAD	DEBARY	32713-
26207 BELLSOUTH TELECOMMUNICATIONS - 36500	108 EXECUTIVE DRIVE	DAYTONA BEACH	32115-
27479 LEVEL 3 COMMUNICATIONS - DAYTONA 2	111 NORTH SEAGRAVE STREET	DAYTONA BEACH	32114-3138
27480 LEVEL 3 COMMUNICATIONS - SNFRFL1T	101 COLLINS ROAD	OSTEEN	32764-9684
27489 QWEST - DAYTONA BEACH ROW POP	500 WEST INTERNATIONAL SPEEDWAY BOULEVARD	DAYTONA BEACH	32114
27557 FIRST COAST ANODIZING	1844 HOLSONBACK DRIVE	DAYTONA BEACH	32117-
27748 DECORATIVE ELECTRO COATINGS	1518 STATE AVENUE BUILDING C	HOLLY HILL	32117-
28064 GAMBRO RENAL PRODUCTS	1845 MASON AVENUE	DAYTONA BEACH	32117-5102

28310 A T AND T WIRELESS - NATIONAL GARDENS 6586	1851 NORTH US HIGHWAY 1	ORMOND BEACH	32174-
28332 COMMERCIAL CHEMICAL PRODUCTS - DAYTONA	495 CARSWELL AVENUE	HOLLY HILL	32117-
28662 VOLUSIA COUNTY UTILITIES - SOUTHEAST REGIONAL WWTP	325 BEACON LIGHT ROAD	OAK HILL	32759-
28839 LEVEL 3 COMMUNICATIONS - DELAND	4500 STATE ROAD 11	DE LEON SPRINGS	32130-
29050 SEARS ROEBUCK AUTO CENTER - 6125	1700 WEST INTERNATIONAL SPEEDWAY BOULVRD	DAYTONA BEACH	32114-
29311 PROGRESS TELECOM - EPIK - FL052	123 NORTH CHARLES STREET	DAYTONA BEACH	32114-
29484 MCI - DYBHFL	140 SOUTH BEACH STREET	DAYTONA BEACH	32114-4472
30274 CROWN CASTLE - FL ORMOND BEACH JKV126 - 812779	123 N ORCHARD STREET 10A	ORMAND BEACH	32174
30429 A T AND T CORPORATION - FT2S	DAYTONA BEACH TO ORLANDO FT2S	DAYTONA	32016
30435 NEW CINGULAR WIRELESS - DAYTONA BEACH MSC 33682	268 NORTH RIDGEWOOD AVENUE - 16875	DAYTONA	32114
30632 REDDY ICE - 343	1420 INDUSTRIAL DRIVE	NEW SMYRNA BEACH	32168
30640 GLOBAL CROSSING - DAYTONA BEACH	149 SOUTH RIDGEWOOD AVENUE	DAYTONA BEACH	
30654 SAMS CLUB - STORE 8138	1175 BEVILLE ROAD	DAYTONA BEACH	32119
30701 ROYAL BATTERY - HOLLY HILL	1703 STATE AVENUE	HOLLY HILL	32117
31247 CITY OF NEW SMYRNA BEACH - WWTP	207 WILLIAMSON BOULEVARD	NEW SMYRNA BEACH	32168
31645 MCI - BRVLFL	INTERSECTION OF HIGHWAY 49 AND HIGHWAY 17	PIERSON	32180
31651 MCI - ORCJFL	HIGHWAY 1 AND 92 ON WEST BLUE SPRING	ORANGE CITY	32763
31794 CITY OF DELAND - WATER PLANT EIGHT	220 EAST HUBBARD AVENUE	DELAND	32724
31995 LEVEL 3 COMMUNICATIONS - DELAND	2801 WEST STATE ROAD 44	DELAND	32724
32045 FLORIDA POWER AND LIGHT - DAYTONA DISPATCH CENTER	1025 WILLIAMSON ROAD	DAYTONA	32114
32356 DEBARY GOLF AND COUNTRY CLUB	300 PLANTATION CLUB DRIVE	DEBARY	32713
32536 INTERSTATE BATTERY SYSTEM OF DAYTONA	806 MASON AVENUE	DAYTONA BEACH	32117
32634 MID FLORIDA GOLF CAR - SPECIAL EVENTS BRANCH	2411 EAST INTERNATIONAL SPEEDWAY BOULEVARD	DELAND	32724-2703
33594 LEVEL 3 COMMUNICATIONS - HOLLY HILL	1640 STATE AVENUE	HOLLY HILL	32117
33926 SUNCOAST HEAT TREAT- METAL HEAT TREATING	400 FENTRESS BOULEVARD	DAYTONA BEACH	32114
33958 CITY OF PORT ORANGE - PORT ORANGE	2401 BEAR TRAIL - OFF SHUNTZ ROAD	PORT ORANGE	32127