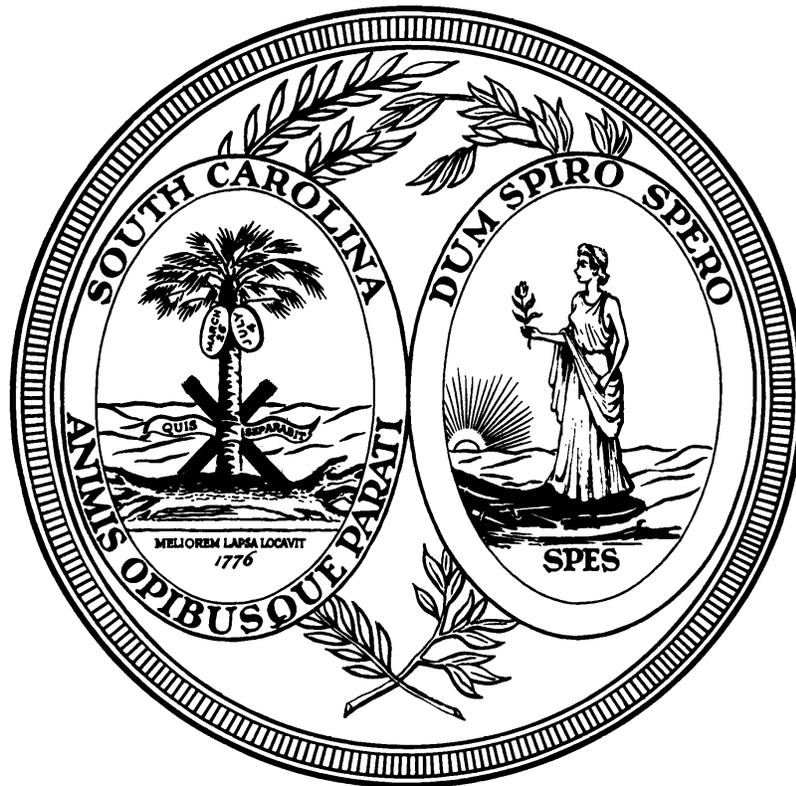


SOUTH CAROLINA LOGISTICAL OPERATIONS PLAN

Appendix 7 South Carolina Emergency Operations Plan



South Carolina Emergency Management Division

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SOUTH CAROLINA LOGISTICAL OPERATIONS PLAN BASIC PLAN

I. INTRODUCTION

A. General

As stated in paragraph (I) (A) of the South Carolina Emergency Operations Plan, “it is the policy of the state to be prepared for any emergency or disaster.” Recognizing the difficulties and impediments to providing incident resources, SCEMD has developed the Logistical Operations Plan as Appendix 7 of the SCEOP.

B. Specific

1. This plan establishes the policies and procedures by which the state will coordinate post-incident logistical operations including needs assessment and procurement of supplies, staging/ warehousing supplies, supply distribution, ordering, processing, and transporting supplies requested by county emergency management departments and other relief entities supported by the state.
2. This plan describes the functions and operations necessary to provide a comprehensive logistics system beginning at the state level and continuing through county receiving and distribution.
3. This plan utilizes state resources whenever possible to conduct operations and describes how and where private sector resources will assist or assume responsibility for operations.

C. MISSION

To provide logistical support to disaster impacted areas.

II. SITUATION & ASSUMPTIONS

A. Situation

Following an incident, the affected population will need resources for sustaining health and welfare, as well as reducing damage and beginning the process of recovery. Depending on the type, size, location, and duration of an incident, normal trade and commerce will be interrupted resulting in high demand for limited resources. Labor forces will be disrupted due to evacuation, relocation, restrictions, or unavailability due to family or personal recovery activities. The state may be required to provide life sustaining resources to damaged communities. A Logistical Staging Area (LSA) may be needed to implement a large logistics operation. Staging Areas (SA) may be needed to stage resources, including trucks, manpower, or equipment.

B. Assumptions

1. Normal retail supply routes for everyday use and specialty products will be interrupted.
2. Counties will prepare for logistical operations through the development of a local Logistical Operations Plan that interfaces with the state Logistical Operations Plan. Following an incident, county emergency management officials shall conduct a needs assessment to determine what resources are required in the affected areas and either acquire and provide for such supplies utilizing county resources; or if county resources are overwhelmed, report requirements to the SEOC and request needed supplies through established procedures.
3. County logistical operations plans will be implemented to the maximum extent possible. The county logistics operation will be based on the local situation and magnitude of the disaster.
4. The LSA, post-disaster transportation services, county logistics operations, as well as FEMA logistics operations and the Donated Goods System, will function in a coordinated effort in order to supply the residents of affected areas with resources until normal supply routes are restored.
5. The LSA will be activated when needed by the Chief of Operations.

III. CONCEPT OF OPERATIONS

The state will begin logistics operations either prior to a known incident or immediately following the occurrence of an unexpected incident. The state will act in the most expedient and efficient manner to provide a logistics system of procurement, transportation and distribution of resources through the use of state resources whenever possible, as well as through the use of commercially available equipment, supplies, services, and manpower.

A. Activation of the Logistical Operations Plan

1. Based on the type, severity and length of an event, the Executive Group will establish the objectives for the upcoming operational period. Upon receiving the operational period objectives, the logistics section will prioritize resource needs as determined by the Chief of Operations.
2. SCEMD, in accordance with state laws and policies, will activate the various emergency support contracts to expedite activation and implementation of this plan.
3. When required, a logistics section will be established under the direction of the Chief of Operations to support logistical operations in coordination with the Operations Tasking Group (OTG) and ESF-7.

- B. A Logistical Staging Area (LSA) will be established to store and distribute resources to affected areas after an incident interrupts the normal daily activities of a community, area or region of the state. Further detailed information is contained in Attachment 14 to the ESF-7 SOP.
1. The LSA will be established to provide for receipt and distribution of post-incident resources using the existing emergency management system and structure. See Attachment 14 to ESF-7 SOP for detailed information.
 2. Most areas of the state can be reached within 3 to 3.5 hours from the midlands area. Because of this the LSA is located in Winnsboro, SC. This allows the LSA to benefit not only from a robust transportation infrastructure, but also from less likely interruptions to the power grid.
 3. ESFs supporting continuous 24-hour LSA operations are:
 - a. ESF-7, Forestry and B&CB
 - b. ESF-1, DOT and DOE
 - c. ESF-19, National Guard
 4. The LSA will primarily stock food, water, ice, and tarps. Other items may be stored in the LSA as required.
 5. All orders for resources will be routed from county EOCs through the OTG in the SEOC. OTG will check whether the items are available from ESF-18, Donated Goods. If not, OTG will task the LSA to fill orders to provide the necessary supplies to requesting counties.
 6. Counties will be required to order the next day's resources from OTG by 5:00 PM each day.
 7. A daily conference call, facilitated by the logistics section leader, will be conducted at 6:00 PM with all affected counties to determine needs, daily distribution from PODs and shipment deliveries.
 8. The LSA will operate overnight to provide all resources to each county by 10:00 AM the next day.
 9. Orders from the most distant counties will be shipped first. Shipments will start departing the LSA each day at 6:00 AM and will continue until all orders for the day have been shipped.

C. Interface With County Logistical Operations Plans

1. Each county will develop a logistics plan for receiving, storing, handling, and distributing resources and other resources following an incident. County plans will be reviewed by SCEMD as part of the annual EOP review.
2. County plans should follow the template developed by SCEMD for compliance with state guidelines.
3. County plans will detail receiving, warehousing and distribution facilities and operations.
4. Counties will designate and train staff for receiving and distribution operations.
5. Counties will conduct a needs assessment following a disaster and determine the needs of the affected population.
6. Counties will request needed resources from the SEOC by utilizing WebEOC, fax or the county desks as necessary. Requests will be processed through OTG in accordance with the SEOC SOP.

D. Determination of Needs

1. State
 - a. The state, in coordination with FEMA, will anticipate immediate resources needed by an affected populace and implement procurement and distribution to counties whenever practical before or as soon as possible following an incident (see Annex 1 for methodology) (see Figure 1).
 - b. Until more reliable information is available, the state will base the number of affected population and resource needs on estimates of customers without commercial electric power.
 - c. The state will coordinate with county emergency management officials to determine the population affected and resource needs within their jurisdictions.
 - d. Once reliable information is available, resource needs will be determined by POD throughput capacity.
 - e. The state will procure the resources needed and distribute them to county governments based on operational period priorities.

2. County

- a. Confirm with SEOC the locations of Points of Distribution. This list will be updated NLT 1 April of each year.
- b. Counties will determine the number of residents affected by an incident and the type and amount of resources needed. The county will report to the state the extent of the damage and the population affected within its jurisdiction and request the needed resources.
- c. Counties will confirm operability of PODs and transportation routes to the PODs after hazardous conditions have passed.

E. Ordering Resources

1. State

a. Resource Acquisition

1. The state will order immediate resources from FEMA when FEMA is the best and most expedient source for urgent needs.
2. Before purchasing items, OTG will check with ESF-18 for available items in the donations database of WebEOC.
3. The state will order resources in a manner consistent with state regulations and policies.
4. When possible, the state will use pre-existing contracts to purchase items.
5. Pre-existing stocks from either the state's warehouse, or another states warehouse will be utilized if possible.

b. Resource Provision to Counties

1. Provision of resources will generally follow these procedures:
 - a. By direct shipment from the Federal Operational Staging Area (FOSA) to the points of distribution in the counties needing resources during the initial 72 hours.
 - b. From the FOSA or supplier to the LSA, and then on to the counties.
 - c. To a staging area for redistribution utilizing state leased trucking.

2. Until counties are able to obtain detailed information of the population affected and the amount of resources needed, the state will base population affected and resources needed on the number of commercial electrical power customers without power (see Annex 1).
3. The state will receive requests for resources from the counties as outlined in item (2) (b) below.
4. Requests will be processed following the SEOC request processing procedure. [SEOC SOP page 53, section (V) (B).] When possible, OTG will process orders as received and forward them to the LSA.
5. When an order is shipped, the LSA will notify the receiving county of the shipment departure and give an expected time of arrival.
6. Counties will receive shipments and be responsible for unloading delivered items and signing a receipt for goods delivered. The Transportation Coordinator will track shipments, including deliveries at their point of destination and be able to provide reports to the Logistics Section leader.
7. If an ordered item is not in stock in the LSA, the LSA will notify OTG and ESF-7. OTG will investigate other methods of acquiring the item or task ESF-7 to order it. Once acquired, the LSA will attempt to ship the item and fill the order within the stated delivery time, or as soon thereafter as possible. In stock items will be shipped as indicated.

2. County

- a. The county determines the needs of its citizens and submits requests to the SEOC.
- b. Requests are submitted to the SEOC through one of the following methods:
 1. Directly through a resource manager request, in WebEOC forwarded to the OTG by the county.
 2. Through telephone contact with the assigned county desk. The county desk officer will enter the request into Resource Manager and submit to OTG.
 3. By fax to the State Warning Point or OTG. All fax requests must clearly state items and quantities needed, delivery location, and POC with telephone number. Fax requests will be provided to the county desk officers for entry into Web EOC.

F. Federal Interface

1. This plan is intended to coordinate and integrate the provision of needed resources to victims between the local (county), state, and federal levels of government. FEMA and other federal agencies will provide resources to the state as necessary. The state will determine the distribution of those resources to the affected counties.
2. The state Logistics Section Leader will coordinate with the FEMA logistics coordinator to obtain federal assistance as required.
3. The Federal Operational Staging Area (FOSA) to receive incoming Initial Response Resource (IRR) Kits from FEMA will be selected before or as soon as possible after an event. IRR resources will generally be distributed in the following manner:
 - a. Whenever possible, shipments will be made directly to the points of distribution. (Figure 2))
 - b. When necessary, staging areas will be identified and procured in order to facilitate the transfer of goods to the state. (Figure 2)
4. Federal OSA and State LSA should be kept separate whenever possible.

G. The operational flow for requesting and receiving resources is described in section (E) (2) of this plan. Staging Areas (SA) will be established when needed for temporary staging of personnel, equipment, and resources. SAs may be School Bus Maintenance Shop properties or other locations as required. SAs can be used for truck or equipment staging, or forward operating areas.

H. Post-Incident Transportation Services

1. Limited transportation services are available on a contingency contract. Pre-event prices have been negotiated for cost effectiveness.
2. The transportation services vendor will provide a Transportation Coordinator (TC) to the SEOC and/or the LSA. The TC will coordinate all pick-ups, deliveries and transportation needs to and from the LSA, and other locations as necessary (see Annex 3, Transportation Coordinator Guidelines.) The TC will coordinate with the LSA Chief of Logistics or Operations.
3. Transportation Coordinator guidelines are detailed in Annex 3.

I. Materials Handling Equipment (MHE)

1. MHE includes motorized and manual items such as forklifts, pallet jacks, ramps and racks that ease the movement, loading and unloading of boxes, crates, pallets and other packages.
2. The state has few material handling resources but will use state-owned resources as much as possible, especially at the beginning of logistical operations.
3. MHE not on hand, will be leased from a commercial vendor. Preference will go to a vendor that can deliver, retrieve (transport), service, and track its equipment as needed to support statewide logistics operations (see Annex 4, Equipment Coordinator Guidelines.)
4. ESF-7 will purchase equipment and supplies that cannot be leased, such as pallet jacks, plastic wrap, boxes, pallets, tape and other items from a vendor or vendors in accordance with state procurement policies for operations and material handling in the LSA. The LSA SOP contains a list of items required for LSA operations.

J. Emergency Management Assistance Compact (EMAC)

EMAC requires that a state of emergency be declared prior to invoking the compact.

1. South Carolina is a signatory to the EMAC interstate mutual-aid compact agreement.
2. EMAC can provide resources and personnel to assist the state in response to an incident.
3. EMAC will be a function of the Logistics Section.
4. South Carolina will utilize EMAC whenever it is the most expedient method of acquiring assistance during an incident response (see Annex 5.)
5. All EMAC forms can be found and accessed in WebEOC.

K. Accounting and Administration

1. State

- a. Expenditures and record keeping for state funds will be in accordance with state policies and regulations as well as with SCEOP page 32/33, section (VII) (B) (1) and (2).
- b. ESF-7 will track all items provided to local governments for billing purposes. An itemized list including costs of provisions will be given to those counties receiving assistance. Counties will not be charged for the value of donated items.
- c. The state will seek federal public assistance reimbursement for the cost of logistical operations, including:
 - 1. Cost of LSA, including operation and staffing. Forestry Commission will capture and submit costs for LSA operations and initial supplies.
 - 2. Cost of post-incident transportation services. Contract TC will submit a bill to SCEMD for all transportation and related costs.
 - 3. Costs of related items procured that are not billed to a county. ESF-7 will capture these costs and submit to SCEMD.

2. County

- a. Expenditures and record keeping for county funds will be in accordance with state and local policies and regulations.
- b. Counties receiving resources from the state will track costs and distribution.
- c. Counties will receive an itemized bill from the state listing all items provided. The county will include the values of all resources in any local federal reimbursement request.

L. Plan Maintenance

- 1. This appendix will be maintained by SCEMD with assistance from support agencies.
- 2. This appendix will be reviewed annually and updated as necessary.

IV. RESPONSIBILITIES

A. South Carolina Emergency Management Division

1. SCEMD is the lead agency in planning for logistical operations. Support agencies include the SC Forestry Commission, the South Carolina Emergency Management Division, the Department of Education, the Department of Transportation, the SC National Guard, and the Budget and Control Board (Material Management Office and Real Property Office).
2. SCEMD shall be responsible for developing and maintaining an inventory of State resources for support of state and local emergencies. This database will be available for use by all authorized WebEOC users to respond to any hazard as identified in the South Carolina Emergency Operations Plan, Table 1, Hazards Rating Summary, page 40.
3. Provide Logistics Section leader in the SEOC or the LSA as required.
4. Provide Deputy Logistics Section leader as required.

B. Forestry Commission

1. Provide one Type II or III Incident Management Team (IMT) per shift to operate the LSA in accordance with the LSA SOP utilizing the Incident Command System.
2. Develop and maintain the LSA SOP.
3. Support the LSA incident management team during activation and operation including administrative office supplies and equipment; financial and accounting support; personnel support, including transportation, lodging and feeding.
4. Provide certified Materials Handling Equipment (MHE) operators.
5. Ensure IMT/LSA staff are trained and prepared for LSA operations.
6. Provide SCFC vehicles for use in operation of LSA.

C. Department of Education

1. Provide yard space for SA operations.
2. Provide liaison for SA management team to each SA activated.
3. Support fueling operations as coordinated.

D. Department of Transportation

1. Provide LSA support personnel and MHE, as needed.
2. Provide transportation support as needed to the Transportation Coordinator.
3. Support fueling operations as coordinated.

E. National Guard

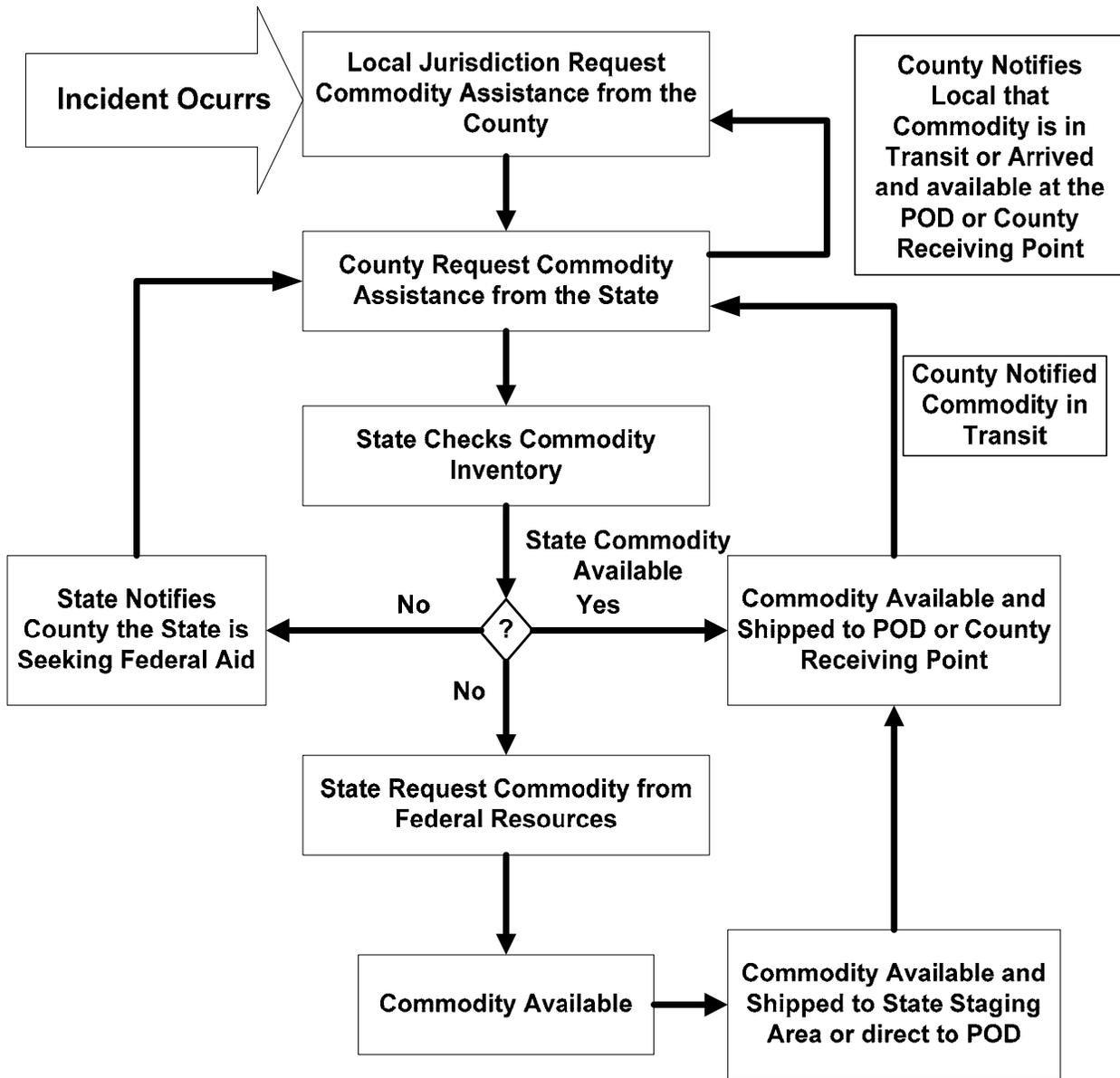
1. Support county distribution operations throughout the state, as needed.
2. Provide transportation as needed.
3. Provide LSA support personnel and MHE as needed.
4. Provide MHE operators as needed.

F. Budget and Control Board

1. Develop and implement contingency contracts for implementation of the logistics plan.
2. Coordinate with Department of Commerce and Commercial Real Estate Brokers to acquire an appropriate space for the donated goods warehouse as required.
3. Track the cost of relief resources to counties and develop a bill for commodities sent to each county.

G. County Emergency Management Offices

1. Utilizing the outline provided by SCEMD as a guideline, counties will develop a local Logistical Operations Plan.
2. As a part of the county logistics plan, identification of Points of Distribution (POD) within the operational areas as defined by each county will be required. Included in this information will be the address and GPS coordinates to each POD.
3. Develop and annually update Points of Distribution SOPs.
4. Provide SCEMD with a copy of the local Logistical Operations Plan for inclusion in the state plan.
5. Assign responsibilities for implementing the plan to local government or support groups, and train those with responsibilities for operations within the plan.



Commodity Flow

Figure 1

Commodity Distribution Flow

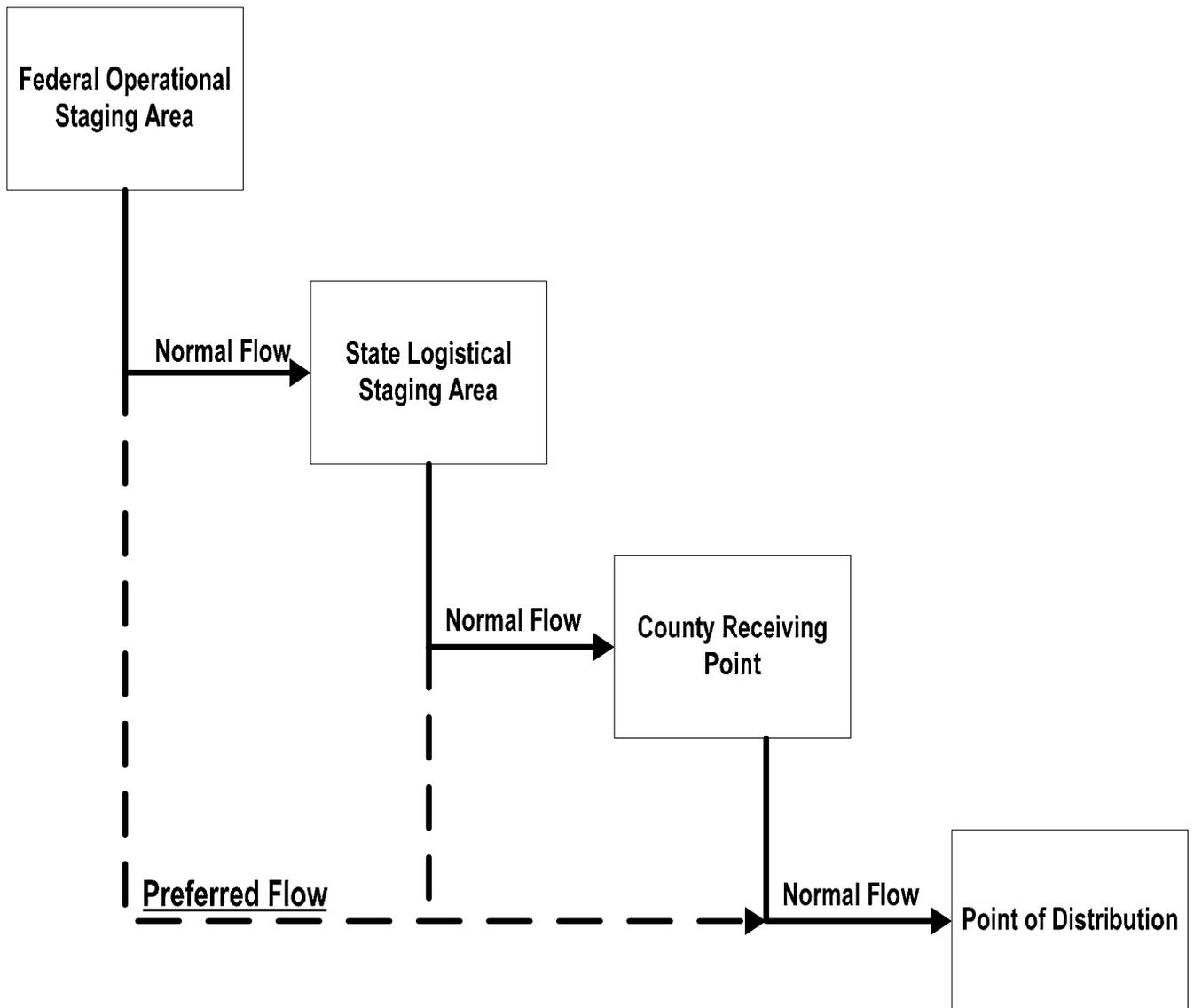


Figure 2

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QUANTIFYING RESOURCES

ANNEX 1

Methodology for determining quantities of resources to order and distribute to the affected population:

- I. The state will be required, in cooperation with FEMA and county governments, to provide limited life saving and sustaining resources to incident victims. The state will provide water, ice, food, and tarps as necessary to incident victims.
- II. The state will provide 3 liters (or 1 gallon) per person per day; 7-8 pounds of ice per person per day; and 2 meals, (most probably in the form of MREs) per person per day.
- III. Persons per household will be considered a family unit. The 2000 US Census reported that there are 2.53 persons per household. Rounding up for planning purposes, the plan will assume there are 3 persons per household.
- IV. The quickest method available for developing the baseline number of people affected by an incident is to assume all persons without commercial electrical power may be in need of aid. Utilities report power outages in terms of customers without power. The term customers include commercial and residential subscribers. Use of utility reported customers without power will give a base for calculating number of persons requiring aid. This is a rough estimate; however, it will provide a rapid number for use in ordering supplies.
- V. To determine the rough estimate of persons needing resources, the Logistics Section will multiply the number of households (customers when commercial vs. residential is indistinguishable) without power by three (average number of persons per household/ family).
- VI. History shows that a percentage of the affected population will have made provisions for an incident, temporarily relocate to residences of friends or relatives, or temporarily relocate out of the affected area. FEMA and the Army Corps of Engineers estimate that 40 to 60 percent of the affected population will require aid. SC has had little recent experience with providing post-incident aid, and therefore, will utilize the higher end of the estimate, or 60%, as the percentage of the affected population to ensure adequate supplies are ordered to provide incident victims with needed relief. As post-incident assessments are made, the model for ordering supplies will be adjusted.
- VII. The model for determining quantities of resources based on the affected population can be expressed in the following formula:
 - A. $X = n (3) (0.60)$, where X is equal to the number of persons that may require resources; *n* equals the number of customers without electricity; 3 represents the average number of persons per household; and 0.60 (or 60%) equals the percentage the affected population requiring resources.
 - B. Throughput of persons at points of distribution must be considered. If there are more people requiring assistance than there are PODs, additional PODs will have to be activated to support demand.

- C. Resources will be determined based on the product (X) derived from the equation above. Water will be ordered by multiplying X times 3 liters (or X times 1 gallon, depending on supplier); ice will be ordered by multiplying X times 1 bag (7 of 8 pound bag, depending on supplier); and food will be ordered by multiplying X times 2 meals (MREs).
- D. The state will provide each affected county one-day's worth of resources per day, based on incident intelligence indicating the number of people needing relief, and throughput capability of the counties points of distribution.
- E. The state will order a 3 to 5 day supply of each commodity needed based on the severity of the incident. Subsequent orders for additional supplies will be made based on considerations including return of power to affected communities, number of persons served by relief missions, ongoing incident intelligence gathered during initial response and recovery operations, and other pertinent information.

LOGISTICS SECTION
ANNEX 2

I. INTRODUCTION

Post-incident logistics is a complicated endeavor that requires effective planning, coordination, and execution under stressful conditions to aid populations who are distressed and suffering. Incident relief missions must be executed in a timely manner to reduce suffering and aid in response and recovery operations. The Logistics Section will be assembled to provide for post-incident relief operations.

II. MISSION

Support the OTG and ESF-7 in resource acquisition, transportation and warehouse operations at the discretion of the Chief of Operations.

III. CONCEPT OF OPERATIONS

A. Composition

The Logistics Section will be assembled in the following manner:

1. Logistics Section Leader-Assistant OTG;
2. Deputy Logistics Section Leader
3. Procurement Specialist-ESF-7 Representative;
4. Transportation Coordinator-State Incident Transportation Contractor;
5. Equipment Coordinator-State Standby Technical Assistance Services Contractor;
6. Donations Specialist-ESF-18 Representative;
7. EMAC A-team-Staff EMAC coordinators or assisting state EMAC coordinators.

B. The Logistics Section may operate either in the SEOC or at the LSA as required.

C. Duties and Responsibilities

1. Logistics Section Leader-Takes direction from Chief of Operations and coordinates with OTG and ESF-7 to fulfill logistics missions of procurement, staging, and distribution. Leads Logistics Section in carrying out missions.
2. Procurement Specialist-Provides procurement expertise to Logistics Section to assist ESF-7 in researching needed resources and ensuring compliance with state procurement laws.

3. Transportation Coordinator-Coordinates transportation from suppliers, to the LSA, to counties (receiving or points of distribution); maintains records including number of trips, miles driven, shipping costs, and other relevant information. Brokers transportation and identifies sources for specialty trailer and transportation types, including refrigerated trailers, flatbeds, and others (see Annex 3, Transportation Coordinator Guidelines).
4. Equipment Coordinator-Coordinates requests for equipment not available from state resources. Coordinator from State Incident Equipment Provider will operate within the Logistics Section and provide for generators, forklifts, light sets, pumps, and other equipment requested following an incident. Assigns equipment to requests, tracks tasking, and bills for service, ensures demobilization and return of equipment (see Annex 4, Equipment Coordinator Guidelines).
5. EMAC A-team-EMAC A-team staff will be assigned to work and coordinate with in the Logistics Section (see Annex 5, EMAC A-Team).
6. Donations Specialist-The Donations Specialist will coordinate between ESF-18 and the Logistics Section to ensure efficient use of donated inventory to fill requests for resources. Diverts truckload quantities of certain donations, such as bottled water, to county points of distribution as required (see Annex 6, Donations Specialist Guidelines).

TRANSPORTATION COORDINATOR GUIDELINES
ANNEX 3

I. INTRODUCTION

Movement of resources and resources following an incident is critical and requires planning and coordination to ensure supplies are received and distributed efficiently and professionally. The Transportation Coordinator (TC) will arrange over-the-road transportation for incoming and outgoing resources. The TC will utilize private transportation vendors to pick-up resources from suppliers and deliver supplies to the state LSA, county receiving points and/or county points of distribution as required.

II. MISSION

Coordinate all incident relief transportation missions originating at the state level to provide professional, efficient movement of resources following an incident.

III. CONCEPT OF OPERATIONS

- A. The TC will operate as part of the Logistics Section.
- B. The TC will coordinate with ESF-1 and ESF-16 to ensure chosen routes are passable, or to determine alternate routes.
- C. The TC will ensure each mission and related costs are documented and will maintain a master trip log as well as a running total of transportation costs.
- D. The TC will arrange transportation to:
 - 1. Pick up supplies from suppliers.
 - 2. Transport supplies to the state LSA, a county receiving point, or a county distribution point, as directed by the Logistics Section Leader.
- E. The TC will determine the number of trips or trucks needed for given missions based on safe transportation practices including loading by weight or volume to ensure trucks are not overloaded.
- F. The TC will ensure all necessary information needed for shipping is included in a transportation mission and will work with the Logistics Section, the OTG or County Desks to get correct addresses and points of contact for each destination.
- G. The TC, in coordination with ESF-1 will obtain all necessary variances or exceptions needed to transport oversize or over weight missions, unless restrictions are waived under an Executive Order declaring a State of Emergency issued by the Governor. The TC will document any waivers.

- H. The TC, as a condition of the Transportation Services Contract, will record, track, and manage all transportation administration, including hiring trucks and drivers, brokering transportation services, and paying contractors for transportation services. The state will pay the TC for services as arranged in the contract.

EQUIPMENT COORDINATOR GUIDELINES

ANNEX 4

I. INTRODUCTION

Provision of equipment to critical facilities following an incident can be a matter of life saving, life sustaining, or infrastructure support. The state has few equipment resources to provide to local governments to assist with response and recovery efforts, therefore, a commercial provider must be utilized to support the many expected requests for generators, pumps, forklifts, and other equipment.

II. MISSION

Coordinate all incident relief equipment missions originating at the state level to provide equipment resources following an incident.

III. CONCEPT OF OPERATIONS

- A. The EC is a liaison from the equipment supply contractor providing incident equipment supply services to the state.
- B. The EC will operate as part of the Logistics Section and be placed at the Logistics Section work area in the SEOC.
- C. The EC will maintain a list of available resources and operating personnel that can be tasked when needed.
- D. The EC will log and track all resources deployed and maintain billing information for each.
- E. When possible, the EC will coordinate with ESF-7 to ensure requestors agree to and process direct billing for equipment.
- F. The EC will arrange transportation of equipment by:
 - 1. Direct shipping from provider, or
 - 2. By coordinating with the TC to arrange for pick up and/or delivery.
- G. The EC will plan for and implement demobilization, including return of resources and submission of bill for services to the requesting agency.
- H. Initial prioritization of equipment resources will be conducted in the following manner:
 - 1. Lifesaving missions will receive the highest priority. Facilities such as hospitals, 911 centers and other essential life safety facilities will be provided equipment first.

2. Life sustaining missions will receive the second priority. Facilities such as nursing homes, water treatment plants, potable water pumping stations, special needs shelters, and essential public service facilities will be provided equipment as a secondary priority.
 3. Infrastructure support facilities will receive the third priority for support. Facilities such as drawbridges, wastewater pump stations, and key traffic/signal control points; lift stations will receive the third priority.
- I. The EC will obtain all necessary variances or exceptions needed to transport oversize or over weight missions, unless restrictions are waived and a condition of an Executive Order declaring a State of Emergency issued by the Governor. The EC will document any waivers.

EMERGENCY MANAGEMENT ASSISTANCE COMPACT (EMAC) A-TEAM

ANNEX 5

I. INTRODUCTION

The Emergency Management Assistance Compact (EMAC) provides state-to-state assistance to requesting states experiencing an incident. The EMAC Advance Team (A-Team) is provided to a requesting state to coordinate EMAC support from member states to the requesting state. The A-Team requires telephone, computer, Internet, e-mail, fax, and administrative support to fulfill its mission.

II. MISSION

Coordinate requests for assistance from South Carolina to member states on behalf of the state when internal resources are not available. Resources can be in the form of personnel, equipment, supplies, or services.

III. CONCEPT OF OPERATIONS

- A. The A-Team will operate as part of the Logistics Section and be placed at the Logistics Section work area in the SEOC, unless otherwise arranged by the Chief of Operations.
- B. The A-Team will operate under the direction of the Logistics Section Leader.
- C. The A-Team will coordinate all out-going EMAC requests.
 - 1. The A-Team will conduct all EMAC required activities, including EMAC Situation Reports, conference calls, and other duties specified in the EMAC SOP.
 - 2. The A-Team will confer with the requestor to ensure that the request is clearly stated and in sufficient detail.
 - 3. The A-team will broadcast requests to member states and serve as the point-of-contact for responses.
- D. Prior to the arrival of the EMAC A-team, the Logistics Section will staff the A-Team with in-house trained EMAC personnel and will coordinate EMAC activities.

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DONATIONS SPECIALIST GUIDELINES
ANNEX 6

I. INTRODUCTION

The identification, movement, processing and distribution of donated goods during times of emergency are critical to response and recovery efforts. Efficiently managed donated goods can provide valuable resources to individuals and communities and can lessen the burden on county and state assets. A Donations Specialist (DS) will be utilized to support the Logistics Section by providing the Section with pertinent and accurate information.

II. MISSION

Act as a liaison between the voluntary organizations, including those associated with ESF 18, and the Logistics Section. This includes relaying information about specific donations and quantities of donations available, as well as planning for distribution of donated goods, food and services.

III. CONCEPT OF OPERATIONS

- A. The DS will provide the Logistics Section with updated information about county points of distribution for donated goods and food. This may include locations, points of contact, including phone numbers, and hours of operation.
- B. As needed, the DS will provide updates to the Logistics Section about what is available in the donated goods warehouse.
- C. The DS will be available to respond to specific questions and issues relating to donated goods and services.
- D. The DS will maintain contact with the Governor's Call Center and will supply the Logistics Section with updates about call volumes and any large donations.
- E. The DS will make contact with voluntary organizations not represented in ESF 18 including the Red Cross and Salvation Army and gather any information that they may have on donations that could be used at the County level.
- F. The DS will relay information to the Logistics Section about prospective availability of donated goods staging area warehouses available.

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**POINTS OF DISTRIBUTION
ANNEX 7**

I. INTRODUCTION

The US Army Corps of Engineers (USACE) provides predictive models of commodity needs based on hurricane winds, track of the storm, population density, and estimated number of residences without power. These models predict people "in need." This fact is very important for determining the amount of commodities that may be required; however, this fact is useless if commodities can't be placed into the victims' hands in a timely manner. The 2004 hurricane season proved that the ability to distribute commodities to the public is the controlling factor to determine supply, not the people "in need" as the models show. To successfully accomplish the commodity distribution mission, we must literally "begin with the end in mind." The successful execution of a distribution plan is essential for success. The plan must have pre-determined locations of points of distribution; layout plans for each point, and must include equipment and manpower requirements.

II. OVERVIEW

The type and quantity of supplies that the public will need in the aftermath of disasters or other crises will vary due to many factors and no one event will be just like another. Experience in emergency response over the years suggests some common necessities that the public will require to meet health, safety, and lifesaving needs. They include potable water (usually bottled), packaged ice, Meals Ready to Eat (MRE) and other supplies. In small-scale disasters and in the initial hours of larger disasters, these commodities are often supplied by state and local governments, donations from industry, and volunteer agencies. When the need for commodities exceeds the state's capability, under a Presidential Declaration, the state can request that FEMA provide the additional requirements. FEMA will provide commodities stored in bulk quantities at regional logistics centers in various locations and, if needed, task ESF#3 (USACE) to purchase additional quantities of ice and water. The FEMA/USACE provided commodities are delivered from the federal staging areas to state logistical staging areas where the state in-turn supplies the local points of distribution.

III. PLANNING FACTORS

A. The following are general information and common planning factors that, if used by all, will help with coordination and communication during the planning and response process.

Ice: 8 lbs (1bag) per person per day
40,000 lbs per truckload
20 Pallets per truck, 2000 lbs per pallet, 250 – 8 lbs bags per pallet, 5000 bags per truck

Water: 3 liters or 1 gal per person (3.79 liters per gal)
8.3lbs per gallon container
18,000 liters or 4,750 gal per truck
20 Pallets per truck, 900 liters per pallet, 237 gal per pallet, 1900 lbs per pallet

MREs: 2 MREs per person per day
1 case weighs 22lbs
21,744 MREs per truckload
12 MREs per case, 1812 cases per truck

Tarps: 4,400 tarps per truckload
Tarp size is generally 20' x 25'
Tarp weight is typically 26lbs per tarp

- B. Distribution Point Planning: The following are assumptions used for distribution planning:

Victims will drive through a distribution point and be served without leaving their vehicles.

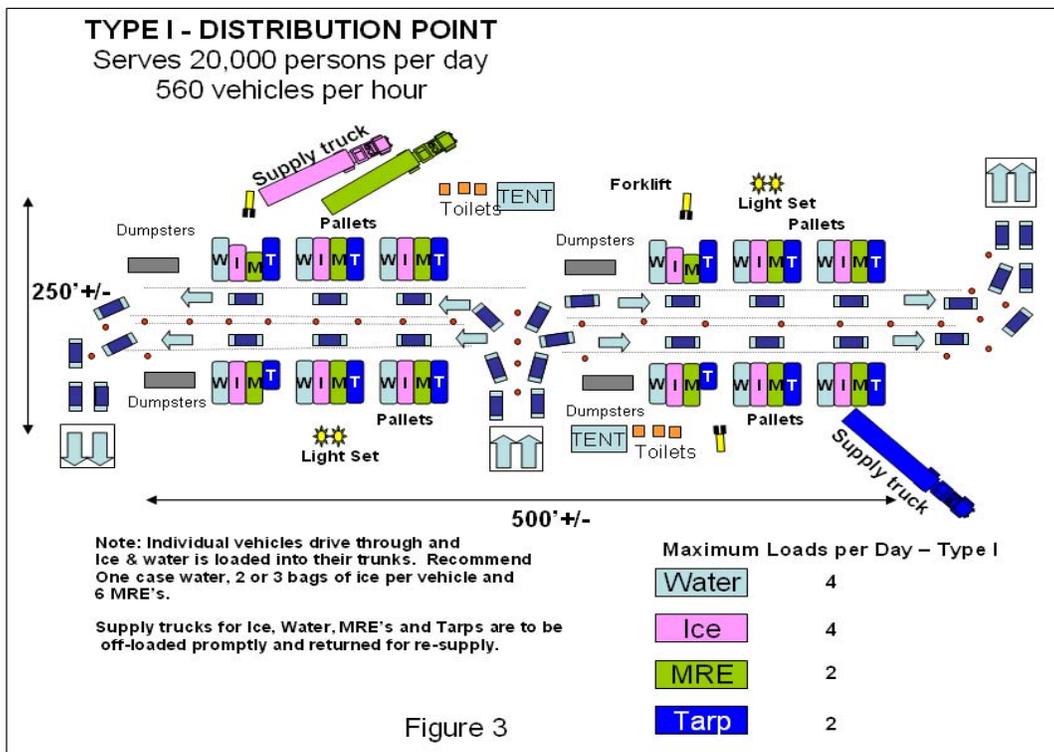
- Each car represents an average family of 3.
- Each vehicle passing through a distribution point will receive the following:
 - 2 or 3 bags of ice
 - 1 case of water (9 – 12 liters)
 - 6 MREs
 - 1 tarp

1 truckload of ice and water will serve 1,660 vehicles or about 5000 people
1 truckload of MREs will serve 3,624 vehicles or about 10,000 people
1 truckload of tarps will serve 4,400 vehicles or about 4,400 homes

Points of distribution should be open to the public for 12 hours per day; however, this is at the discretion of the county.

IV. LAYOUTS FOR POINTS OF DISTRIBUTION

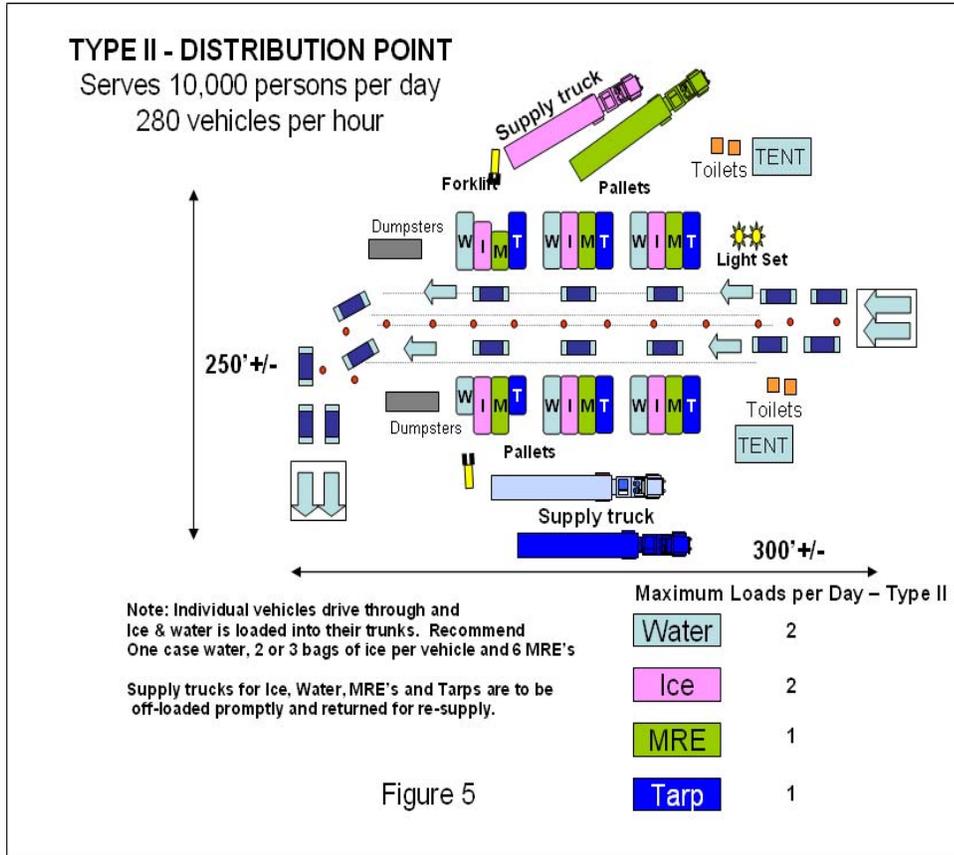
The following plans provide examples of different sizes of points of distribution and the resources required for operations:



Type I Distribution Point Resources Required

Type I Distribution Point					
Manpower				Equipment	
	Type	Day	Night	Type	Number
Local Responsibility	Manager	1	0	Forklifts	3
	Team Leader	2	1	Pallet Jacks	3
	Forklift Operator	2	3	Power Light Sets	2
	Labor	57	4	Toilets	6
	Loading Point	36		Tents	2
	Back-up Loading PT	18		Dumpsters	4
	Pallet Jacks Labor	3		Traffic Cones	30
	Totals	70	9	Two-way radios	4
Others	Law Enforcement	4	1		
	Community Rel.	4	0		
	Grand Total	78	10		

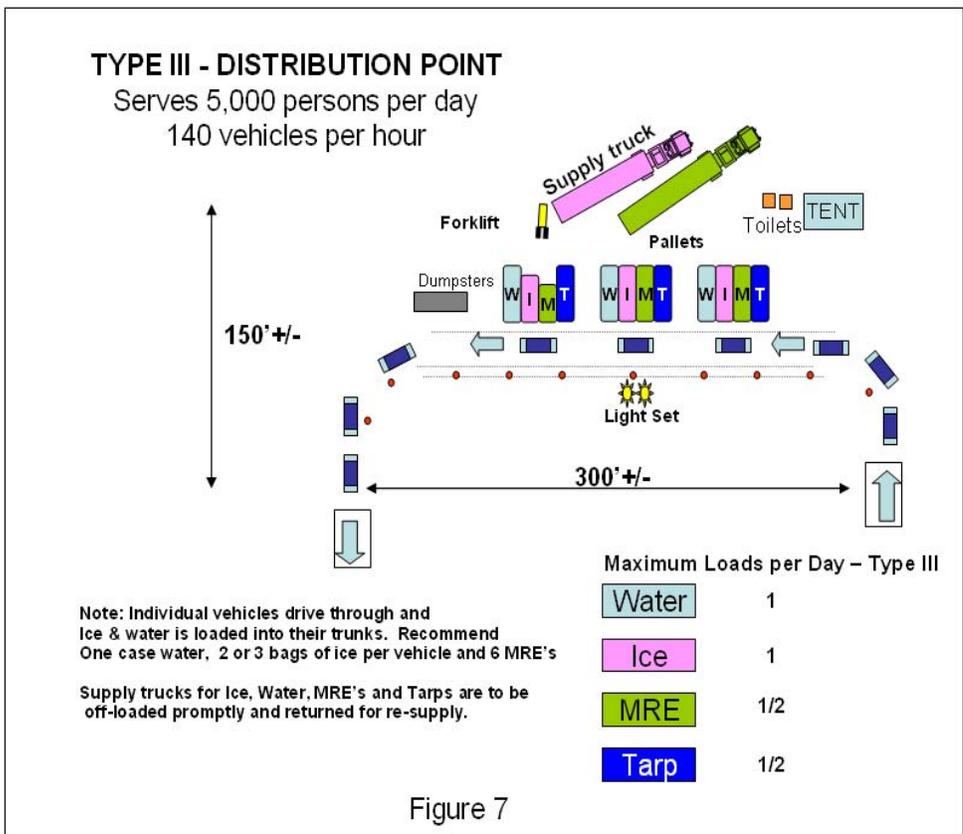
Figure 4



Type II Distribution Point Resources Required

Type II Distribution Point					
Manpower				Equipment	
Type		Day	Night	Type	Number
Local Responsibility	Team Leader	1	0	Forklifts	2
	Forklift Operator	1	2	Pallet Jacks	2
	Labor	28	3	Power Light Sets	1
	Loading PT	18		Toilets	4
	Back-up Loading PT	9		Tents	2
	Pallet Jacks Labor	1		Dumpsters	2
Totals		30	5	Traffic Cones	15
Others	Law Enforcement	2	1	Two-way radios	0
	Community Rel.	2	0		
Grand Total		34	6		

Figure 6



Type III Distribution Point Resources Required

Type III Distribution Point					
Manpower				Equipment	
	Type	Day	Night	Type	Number
Local Responsibility	Team Leader	1	0	Forklifts	1
	Forklift Operator	1	1	Pallet Jacks	1
	Labor	14	2	Power Light Sets	1
	Loading PT	9		Toilets	2
	Back-up Loading PT	4		Tents	1
	Pallet Jacks Labor	1		Dumpsters	1
	Totals	16	3	Traffic Cones	10
Others	Law Enforcement	2	1	Two-way radios	0
	Community Rel.	1	0		
	Grand Total	19	4		

Figure 8

V. PLANNING METHODS

This section will discuss methods to determine the location and number of points of distribution (POD), provide suggestions for supplying manpower and equipment resources, and discuss points of distribution operations.

A. Determining the Location and Number of POD:

1. The number of PODs can be determined mathematically. The Excel model shown in Figure 9 will calculate the number of PODs required when the total number of people without commercial power is entered. The model uses a 40% factor to calculate the estimated number of people that will visit a POD. This figure is an estimated average percentage based on past experience. The model also considers only Type III PODs, which consist of a one-lane operation. A Type III POD provides for 5000 people and can handle one truckload of ice and water per day along with MREs and tarps. Therefore, for every truckload of ice or water ordered, there should be a corresponding POD or lane for off-loading.
2. Another method for determining the number and location of PODs is through Geographical Information Systems (GIS). GIS can produce a dot density map that provides a visual dot for a selected density of population. To determine the location of PODs, a dot density map should be produced based on a density of one dot for every 12,500 people (40% of 12,500 = 5000, the number of people served by a Type III POD). The location of the dot will provide a general start for locating a POD; however, as stated before, consider all tribes, municipalities, and/or major communities having at least one POD.
3. The pre-planning of POD locations is critical to the public. This allows the locations of the PODs to be known to the public prior to an event before communications are impacted. This also allows for route clearing priorities and route mapping to be performed during the pre-planning process in lieu of the response process.

4. Resources for PODs:

- a. POD operations, including manpower and equipment, are a local responsibility. A partnership between the community and response planners is essential for the establishment of a successful distribution system that serves the public in their time of need. The most challenging resource to provide is manpower. Most local governments depend on the National Guard, volunteer fire departments, church groups and other volunteer agencies for manpower. All of these sources are viable; however, close coordination is needed to assure local governments are not using a specific resource in multiple locations. One good example of using a local resource is the use of local churches in the disaster area. Some churches have very large parking areas that work well for a Type III POD and the church can work with their congregation to establish a ministry to man and operate the POD. This example uses people from the community to help people in the community. The Excel model in Figure 9 provides a total roll up of personnel and equipment for all the PODs required.
- b. Each POD requires an equipment package, as shown in Figures 4, 6, and 8. If the disaster receives a Presidential Declaration, then the costs for renting this equipment will qualify for Federal reimbursement. It is recommended that the planning agent, city, county, or tribal agency provide the equipment to the PODs located within their area of responsibility. Planning agents should work with local vendors and have agreements in place to provide the required equipment. The rates, hourly, daily, or weekly, should be discussed with the State Emergency Management office and FEMA to get guidance on best practices. This suggested method of supplying equipment helps prevent duplication and allows for easier reimbursement.

B. POD Operations:

The successful operation of a POD requires a POD Team Leader or manager that understands the purpose, functions, and requirements of a POD. A successful Team Leader or manager must have the skills to motivate people, organize shifts, assure the right equipment is available, keep records on equipment usage, gather/record information on deliveries, arrange for future deliveries based on usage, and act as the primary POC for the POD with the local emergency management agency. Contract/delivery forms that require signing by the delivery driver, must be collected and maintained until local, state, or Federal officials collect them.

KEY CHECKLIST ITEMS FOR POD OPERATIONS:

- Adequate Manpower (Consider backups for each position)
- Equipment (Forklift and pallet jack a must)
- Site Layout, good traffic flow
- Room for delivery trucks (18 wheelers without disrupting operations)
- Qualified Forklift Operator
- Security (Help with the general public)
- Traffic Control (Police at main intersections)
- Signs identifying the site as "Commodities Distribution Point"
- Request a Community Relations person to help handout information to the public
- Always keep safety first
- Provide a notebook for securing delivery charts and receipts
- Communications (Team Leader or manager will require communications)
- Train an assistant for night operations
- Ask for technical help through your Emergency Manager if assistance is needed

EXAMPLE OF COMMODITIES WORKSHEET

Enter # of people without power (Equals number of customers x 3)

of people requiring commodities

of Type III Dist. Points Req

	Type III Dist.		Point
Manpower	Day	Night	Equipment
Local Req.			Forklifts
Forklift Oper			Pallet Jacks
Laborers			Traff Cones
Total			Light Sets
Law Enf			Toilets
Comm Rel			Tents
Grand Total			Dumpsters

Tarps	
Loads	Each

Number of truck loads required per day for 24 days	Days	Water		ICE		MREs	
		Loads	K Gal	Loads	K Pounds	Loads	Each
	1						
	2						
	3						
72 Hour Planning Total >	4						
	5						
	6						
	7						
60% Power back on-line >	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
90% Power back on-line >	16						
	17						
	18						
	19						
	20						
	21						
	22						
	23						
	24						
Total Loads							

Figure 9

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**CONTRACT FOR GENERATOR RENTAL
ANNEX 8**

EMERGENCY SUPPLIES STATEWIDE TERM CONTRACT
Maximum Contract Period: 07/30/04 through 07/29/09

VENDOR: Blanchard Machinery Company
3151 Charleston Highway
West Columbia, SC 29172
PO Box 7517
Columbia, SC 29202

CONTACT PERSON: Sean Fitzgerald

TELEPHONE NUMBER: (803) 791-7100 (Ext. 4125)

CELL NUMBER: (803) 600-8432

FAX NUMBER: (803) 926-4230

VENDOR NUMBER: 0000944

F.E.I.N.: 59-0681683

CONTRACT NUMBER: 05-S6544-A10849

EFFECTIVE DATE: 07/30/04

EXPIRATION DATE: 07/29/09

(ITEMS 1 - 7) GENERATOR RENTAL OR LEASE

Agency Req.: 990000545					
Item	Commodity / Service	Quantity	Unit Of Measure	Unit Price	Extended Price
	9814310100		LOT	200.00	
Description: Generator Rental or Lease, 30 KW					

Agency Req.: 990000545					
Item	Commodity / Service	Quantity	Unit Of Measure	Unit Price	Extended Price
	9814310100		LOT	225.00	
Description: Generator Rental or Lease, 60 KW					

Agency Req.: 990000545					
Item	Commodity / Service	Quantity	Unit Of Measure	Unit Price	Extended Price
	9814310100		LOT	308.00	
Description: Generator Rental or Lease, 100 KW					

Agency Req.: 990000545					
Item	Commodity / Service	Quantity	Unit Of Measure	Unit Price	Extended Price
	9814310100		LOT	616.66	
Description: Generator Rental or Lease, 250 KW					

Agency Req.: 990000545					
Item	Commodity / Service	Quantity	Unit Of Measure	Unit Price	Extended Price
	9814310100		LOT	1,083.00	
Description: Generator Rental or Lease, 500 KW					

Agency Req.: 990000545					
Item	Commodity / Service	Quantity	Unit Of Measure	Unit Price	Extended Price
	9814310100		LOT	1,467.00	
Description: Generator Rental or Lease, 800 KW					

Agency Req.: 990000545					
Item	Commodity / Service	Quantity	Unit Of Measure	Unit Price	Extended Price
	9814310100		LOT	1,533.00	
Description: Generator Rental or Lease, 1 MW					

FOR BIDDING PURPOSES, unit (Lot) price is the single shift rate (up to 8 hours operation per 24 hour period) for a single generator. Multiply the Lot price by the quantity to equal the extended price for each item number.

The Unit (Lot) Price represents the total cost for 8 hours operation, not the hourly rate. Multiply the hourly, single shift rate by 8 hours for the Lot price. Then multiply the quantity by the Unit (Lot) Price to equal the Extended Price for each Item.

BIDDING SCHEDULE – Total Lot consists of Items 1 through 7

Upon activation in times of emergency, the Materials Management Office, as established in the State Emergency Operations Plan operates Emergency Service Function 7, Resource Support. The Mission of ESF-7 is to provide or coordinate the provision of services, equipment and supplies to support expedient operations associated with a disaster or emergency; and for the approval and acquisition of equipment and supplies not available through normal purchasing channels and ordering timeframes.

Contracts awarded under this solicitation will be activated only upon notification from the State Emergency Preparedness Division's Warning Point. Upon activation, purchase orders may be issued only to support emergency operations. The SCEPD will activate contracts at Operating Condition 4 (OPCON 4) – Possibility of Emergency or Disaster Developing.

UNIT REQUIREMENTS

Generators, Portable, skid mount, all-weather use.

Units shall include a full tank of fuel and 100 feet of portable cables.

BILLING

On a daily rental there is a single shift rate (up to 8 hours operation per 24 hour period), a double shift rate (8 to 16 hours operation per 24 hour period), and a three-shift rate (over 16 hours operation per 24 hour period). For billing purposes on daily rentals, the State hereby accepts the double shift rate (1.5 times the single shift rate) and three-shift rate (2 times the single shift). For billing purposes, units held by the State for less than seven (7) twenty-four (24) hour days shall be considered daily rentals. Units held longer than seven (7) twenty-four (24) hour days shall be considered weekly, and shall be billed by dividing the total number of days held by seven (7), applying the weekly rental thereto, with any remaining days being billed at the daily rate. Units held longer than thirty (30) days shall be considered monthly, with remaining periods being calculated as weekly provided more than seven (7) but less than thirty (30) days remain, and/or daily rates applying to the balance of the time.

Daily rates shall be considered as the basis for weekly and monthly rental rates, unless you offer a discount from the regular daily rate in your weekly and/or monthly rates. If you wish to offer discounted rates, list them below:

Discounted Weekly and/or Monthly Rates:

Item	Weekly Rate	Monthly Rate
(PER UNIT) 1	\$ 550.00	\$ 1,650.00
(PER UNIT) 2	\$ 625.00	\$ 1,875.00
(PER UNIT) 3	\$ 875.00	\$ 2,625.00
(PER UNIT) 4	\$1,700.00	\$ 5,100.00
(PER UNIT) 5	\$3,000.00	\$ 9,000.00
(PER UNIT) 6	\$4,000.00	\$12,000.00
(PER UNIT) 7	\$4,400.00	\$13,200.00

Optional Guaranteed Rates: (If your company is willing to offer guaranteed availability of generator units, list that information below. This information will not be used in the award evaluation.)

Item	Guaranteed Rate	Basis for Rate How units will be secured per day/week/month, etc?	Delivery Timeframe after Order Receipt
1	\$	MONTH	
2	\$	MONTH	
3	\$	MONTH	
4	\$	MONTH	
5	\$	MONTH	
6	\$	MONTH	
7	\$	MONTH	

Generator Specification Questionnaire (fill out and return with your bid): If more than one amperage, voltage or phase is offered, list in Alternate Table. Bid evaluation will be based upon standard amperage, voltage and phase.

Standard:

Bid Schedule Item #	AMP	Volts	Phase	Fuel Type	Fuel Tank Type	Receptacle Type (NEMA)	How Start	Dimensions LxWxH	Weight	Base Support
1	108/54	240/480	3	Diesel	26 gal		Manual	79x35x49	2,403 lbs	Steel
2	180/90	240/480	3	Diesel	149 gal		Manual	114x44.5x 71	4,945 lbs	Steel
3	301/150	240/480	3	Diesel	190 gal		Manual	125x44.5x 74	5,865 lbs	Steel
4	902/651	240/480	3	Diesel	470 gal		Manual	200x61x1 11	20,000 lbs	Steel
5	1504/752	240/480	3	Diesel	900 gal		Manual	20x8x13'6	35,000 lbs	Steel
6	2406/1203	240/480	3	Diesel	550 gal		Manual	30x8x13'6	40,000 lbs	Steel
7	1504	480	3	Diesel	1,250 gal		Manual	40x8x13'6	50,000 lbs	Steel

ALTERNATE:

Bid Schedule Item #	AMP	Volts	Phase	Fuel Type	Fuel Tank Type	Receptacle Type (NEMA)	How Start	Dimensions	Weight	Base Support
1	100	120	1	Diesel	26 gal		Manual	79x35x49	2,403 lbs	Steel
2	250	240	1	Diesel	149 gal		Manual	114x44.5x71	4,945 lbs	Steel
3	417	240	1	Diesel	190 gal		Manual	125x44.5x74	5,865 lbs	Steel
4	1041	208	3	Diesel	470 gal		Manual	200x61x111	20,000 lbs	Steel
5	1735	208	3	Diesel	900 gal		Manual	20x8x13'6	35,000 lbs	Steel
6	2776	208	3	Diesel	550 gal		Manual	30x8x13'6	40,000 lbs	Steel
7										

INFORMATION ABOUT BIDDER (must be completed):

1. State your normal hours of operation:

7:00 AM to 5:00 PM

2. Will you furnish and deliver generators outside of your normal hours of operation:

Yes No (this will be assumed to pertain to each location you may list on locations listing)

3. Name and 24 hour phone number(s) of the contact person(s) who will be responsible for administering this contract for your firm. Attach sheets to list additional names:

Name: Sean Fitzgerald

Phone: (803) 926-4125

Fax: (803) 926-4230

Cell: (803) 600-8432

Beeper: _____

Satellite Phone: _____

(Note: Satellite Phone information will be considered proprietary/confidential and therefore will not be published on the Materials Management Office website as part of any subsequent contract detail. This will be released internally to State Officials only to communicate with vendors in catastrophic disaster situations. All other information, however, will be part of the published information available to the public.

Alternate:

4. List the equipment manufacturer(s) you represent: Caterpillar/Olympian/MQ Power

5. List the total number of each unit you have access to in your corporate inventory:

30 KW	<u>1</u>
60 KW	<u>7</u>
100 KW	<u>9</u>
250 KW	<u>2</u>
500 KW	<u>0</u>
800 KW	<u>2</u>
1 MW	<u>4</u>

Identify all locations in the United States from which you propose to furnish and deliver generators (attach additional sheets as needed): NAME OF LOCATION (company, store, branch, etc)	STREET ADDRESS	CITY/STATE/ZIP	Normal Business Hours at This Location
Blanchard Machinery	3151 Charleston Hwy	W Columbia, SC 29172	7:00 am – 5:00 pm

**WATER, BOTTLED
ANNEX 9**

CONTRACT PERIOD: 07/12/2004 THROUGH 07/11/2009

VENDOR: TBP Services Inc.
447 Baker Mill Lake Lane
Gaston, SC 29053
CONTACT PERSON #1 Michelle Novak
TELEPHONE #: (803) 917-9277
CONTACT PERSON #2: Kenneth Prince
TELEPHONE #: (803) 739-2243
CONTRACT #: 05-S6568-A10817
VENDOR #: 0298501
F.E.I.N.: 57-1066232
EFFECTIVE DATE: 07/12/04
EXPIRATION DATE: 07/11/09
DELIVERY: FOB Delivered

Upon activation in times of emergency, the Materials Management Office, as established in the State Emergency Operations Plan operates Emergency Service Function 7, Resource Support. The Mission of ESF-7 is to provide or coordinate the provision of services, equipment and supplies to support expedient operations associated with a disaster or emergency; and for the approval and acquisition of equipment and supplies not available through normal purchasing channels and ordering timeframes.

Contracts awarded under this solicitation will be activated only upon notification from the State Emergency Preparedness Division's Warning Point. Upon activation, purchase orders may be issued only to support emergency operations. The SCEPD will activate contracts at Operating Condition 4 (OPCON 4) – Possibility of Emergency or Disaster Developing.

Item 1): Water, bottled, in non-breakable, non-returnable containers, suitable for human use and consumption, from any potable source, and without additives of any type or kind. Individual containers shall contain not less than twelve (12) ounces nor more than one (1) liter each, palletized (approximately 48" x 48" pallets shall be used) and wrapped, suitable for handling by forklifts, floor jacks and/or other similar equipment, and delivered to any point in the State of South Carolina:

Awarded To: TBP SERVICES INC
ATTN: KENNETH PRINCE
447 BAKER MILL LAKE LANE
GASTON, SC 29053-8324
FEIN: 57-1066232

Evaluated Amount: \$1,728.00
Total Potential Value: \$1,728.00
Contract Number: 05-S6568-A10817

<u>Item</u>	<u>Unit Price</u>	<u>Total Price</u>
000001	\$0.02000	\$1,728.00
Agency Req.: 990000529 1		

OPTION #1 (1 LITER)

Container size in ounces: 1 Liter Number of containers per case: 12

Total cases per pallet: 66-70 Total weight per pallet: 2,073-2,100

Total number of pallets that may be legally loaded (based on weight) per 48' foot trailer: 20-21

Price PER OUNCE of water: \$0.020

Total price per pallet: \$568.08

Pallet Dimensions: 48 x 40 x 70 Can these pallets be stacked? No
How high?

Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)

OPTION #2 (.5 LITER)

Container size in ounces: .5 Liter Number of containers per case: 24

Total cases per pallet: 66-70 Total weight per pallet: 2,073-2,100

Total number of pallets that may be legally loaded (based on weight) per 48' foot trailer: 20-21

Price PER OUNCE of water: \$0.020

Total price per pallet: \$568.08

Pallet Dimensions: 48 x 40 x 65 Can these pallets be stacked? No
How high?

Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)

OPTION #3 (20 OZ.)

Container size in ounces: 20 oz. Number of containers per case: 24

Total cases per pallet: 63 Total weight per pallet:

Total number of pallets that may be legally loaded (based on weight) per 48' foot trailer: 20

Price PER OUNCE of water: \$0.020

Total price per pallet: \$604.80

Pallet Dimensions: 48 x 40 x 70 Can these pallets be stacked? No
How high? _____

Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)

SPECIAL NOTE: The State anticipates that no single vendor will have sufficient inventory to meet the requirements of this bid. In addition, since no one knows where the next disaster may strike, it is impossible to know which vendors may not be accessible due to damage. Therefore, the following two questions are being asked so that the State has some basis for planning its activities in the event of an emergency.

1. State the number of pallets of bottled water you will have available within the first eight (8) hours after receipt of an order, pursuant to any contract which you may be awarded: _____
38 Pallets
2. State the number of pallets of bottled water you will have available per day, pursuant to any contract which you may be awarded: 105 Pallets

SUPPLEMENTAL QUESTIONNAIRE:

1. State your normal hours of operation: 8:00 AM - 6:00 PM
2. Are you willing to furnish and load water outside of your normal hours of operation? (yes/no) Yes
3. If the answer to 2. Above is yes, state the price per ounce of water furnished, packaged and delivered as called for above outside your normal hours of operation: \$0.029 /oz.
4. State the name, and telephone number (24 hour) of the contact person(s) who will be responsible for administering this contract for your firm:
Michelle Novak or Ken Prince (803) 917-0357, (803) 917-9277
5. State the location of the facility (ies) where the water will ship from:
 1. Gaston, SC
 2. Greenville, SC
 3. Appling, GA
 4. Charlotte, NC

Uploaded to Internet: 8/12/04

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MRES (MEALS, READY-TO-EAT) – EMERGENCY SUPPLIES

ANNEX 10

Upon activation in times of emergency, the Materials Management Office, as established in the State Emergency Operations Plan operates Emergency Service Function 7, Resource Support. The Mission of ESF-7 is to provide or coordinate the provision of services, equipment and supplies to support expedient operations associated with a disaster or emergency; and for the approval and acquisition of equipment and supplies not available through normal purchasing channels and ordering timeframes.

Contracts awarded under this solicitation will be activated only upon notification from the State Emergency Management Division's Warning Point. Upon activation, purchase orders may be issued only to support emergency operations. The SCEMD will activate contracts at Operating Condition 4 (OPCON 4) – Possibility of Emergency or Disaster Developing.

CONTRACT PERIOD: 07/15/04 – 07/14/07

VENDOR: Crown Point – Sopakco
118 S. Cypress Street
Mullins, SC 29574

TELEPHONE #: (843)-464-8165

CONTACT PERSON: Marjorie (Sam) McDonald

CONTRACT #: 04-S6581-A10796

VENDOR #: 0309213

F.E.I.N.: 62-0788091

EFFECTIVE DATE: 07/15/04

EXPIRATION DATE: 07/14/07

DELIVERY: FOB Delivered

SPECIFICATIONS FOR MRES (MEALS, READY-TO-EAT)

MREs:

Nutritionally balanced nonperishable packaged meals available in bulk, ready to eat, not freeze-dried with a shelf life of at least five years. Meal menus should provide variety for breakfast, lunch, and dinner. Must be suitable for handling by forklifts, floor jacks and/or airdrop and delivered to any point in the State of South Carolina.

ITEM 1 SPECIFICS: Individual Full Meals

Shelf life maximum 5 years Heater Optional No

Maximum Nutrition Value 850-1200 Servings per Case 12 meals

Meals Package: Individual Pouches

Container size in ounces: 4 – 8 ounces Number of containers per case: 12

Total cases per pallet: 48 Total weight per pallet: 962 lbs.

Total number of pallets that may be legally loaded 40

Price per meal: \$ 3.36 Price per case: \$40.32

Total price per pallet: \$1935.36

Pallet Dimensions: 41 x 49 x 51 Can these pallets be stacked? Yes

Price (if any) for pallet: N/A

ITEM 2 SPECIFICS: Family Full MealsShelf life maximum 3 years Heater Optional NoMaximum Nutrition Value _____ Servings per Case 36-72, 2/3 cup servingsMeals Package: Tray containerContainer size in ounces: 112 oz. Number of containers per case: 4 traysTotal cases per pallet: 48 Total weight per pallet: 1394Total number of pallets that may be legally loaded 20Price per tray: \$ 5.10 Price per case: \$20.40Total price per pallet: \$979.20Pallet Dimensions: 40 x 49 x 44 Can these pallets be stacked? YesPrice (if any) for pallet: N/A

SPECIAL NOTE: The State anticipates that no single vendor will have sufficient inventory to meet the requirements of this bid. In addition, since no one knows where the next disaster may strike, it is impossible to know which vendors may not be accessible due to damage. Therefore, the following two questions are being asked so that the State has some basis for planning its activities in the event of an emergency.

State the number of pallets of MREs you will have available within the first eight (8) hours after receipt of an order, pursuant to any contract which you be awarded:

Individual Full Meals 41 Family Full Meals 100

State the number of pallets of MREs you will have available per day, pursuant to any contract which you may be awarded:

Individual Full Meals 70-80* Family Full Meals 100

*Pending review of government contracts.

SUPPLEMENTAL QUESTIONNAIRE:

1. State your normal hours of operation: 8:00 AM – 5:00 PM
2. Are you willing to furnish and load MREs outside of your normal hours of operation? (yes/no) Yes
3. If the answer to 2 above is yes, state the price per meal furnished, packaged and delivered as called for above outside your normal hours of operation: Same

4. State the name, and telephone number (24 hour) of the contact person(s) who will be responsible for administering this contract for your firm:

Sam McDonald (843) 464-8165 (work) (843) 464-1482 (home) (843) 464-8327 (cell)
Virginia Harrelson (843) 464-8165 (work) (843) 526-3105 (home)

5. State the location of the facility(ies) where the MREs will ship from:

Sopakco Packaging
118 S. Cypress Street
Mullins, SC 29574

Uploaded to Internet: 11/09/06

ICE
ANNEX 11

Upon activation in times of emergency, the Materials Management Office, as established in the State Emergency Operations Plan operates Emergency Service Function 7, Resource Support. The Mission of ESF-7 is to provide or coordinate the provision of services, equipment and supplies to support expedient operations associated with a disaster or emergency; and for the approval and acquisition of equipment and supplies not available through normal purchasing channels and ordering timeframes.

Contracts awarded under this solicitation will be activated only upon notification from the State Emergency Management Division's Warning Point. Upon activation, purchase orders may be issued only to support emergency operations. The SCEMD will activate contracts at Operating Condition 4 (OPCON 4) – Possibility of Emergency or Disaster Developing.

Item 1): ICE, CUBED, frozen from potable water, suitable for human use and consumption, packed in plastic bags (containing not less than 7 nor more 20 pounds net weight per bag), palletized (approximately 48" x 48" pallets shall be used) and wrapped, suitable for handling by forklifts, floor jacks and/or other similar equipment, and delivered to any point in the State of South Carolina:

SPECIAL NOTE: For the purpose of this document, the term cubed means ice approximately the size of cubes produced by an icemaker in a household refrigerator. Specific sizes and shapes are not required, HOWEVER, the State does not wish to purchase either CRUSHED (as might be used by a soda fountain) or BLOCK ice.

NOTE: PRICING FOR ALL CONTRACTORS IN TRUCKLOAD QUANTITIES ONLY. NO BIDS ON LESS-THAN-LOAD QUANTITIES.

Solicitation: 06-S6947
 Issue Date: 07/11/2005
 Opening Date: 07/27/2005 11:00 AM
 Description: Ice, Cubed – Emergency Supplies Statewide Term Contract

Awarded To: TBP SERVICES INC.
 ATTN: KENNETH PRINCE
 447 BAKER MILL LAKE LANE
 GASTON, SC 29053-8324
 FEIN: 57-0907364

Evaluated Amount: \$126,000.00
 Total Potential Value: \$126,000.00
 Contract Number: 06-S6947-A11732

Maximum Contract Period: August 1, 2005 through July 31, 2010

<u>Item</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
000001	Ice, Cubed, frozen from portable water in Accordance with specifications	\$0.20000	\$126,000.00

Agency Req.: 990000653 1

OPTION #1 (16 LB. BAGS)

Bag size in pounds: 16 Number of bags per pallet: 120

Total pounds of ice per pallet: 1920 Total pallet weight: 1980

Price PER POUND of ice: 0.20 (Insert in "Unit Price space at top of Bidding Schedule page.)

Total price per pallet: \$384.00

Pallet Dimensions: 48 x 40 x 70

Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)

20 Pallets per truck. 2400 bags per loaded truck.

OPTION #2 (7 LB. BAGS)

Bag size in pounds: 7 Number of bags per pallet: 275

Total pounds of ice per pallet: 1925 Total pallet weight: 1980

Price PER POUND of ice: 0.20 (Insert in "Unit Price space at top of Bidding Schedule page.)

Total price per pallet: \$385.00

Pallet Dimensions: 48 x 40 x 70

Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)

20 Pallets per truck. 5500 bags per loaded truck.

OPTION #3 (7 LB. BAGS – GREATER NUMBER OF BAGS PER PALLET)

Bag size in pounds: 7 Number of bags per pallet: 300

Total pounds of ice per pallet: 2100 Total pallet weight: 2175

Price PER POUND of ice: 0.20 (Insert in "Unit Price space at top of Bidding Schedule page.)

Total price per pallet: \$420.00

Pallet Dimensions: 48 x 40 x 70

Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)

20 Pallets per truck. 6000 bags per loaded truck.

OPTION #4 (8 LB. BAGS)Bag size in pounds: 8 Number of bags per pallet: 275Total pounds of ice per pallet: 2200 Total pallet weight: 2280Price PER POUND of ice: 0.20 (Insert in "Unit Price space at top of Bidding Schedule page.)Total price per pallet: \$440.00Pallet Dimensions: 48 x 40 x 70Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)20 Pallets per truck. 5500 bags per loaded truck.OPTION #5 (20 LB. BAGS)Bag size in pounds: 20 Number of bags per pallet: 110Total pounds of ice per pallet: 2200 Total pallet weight: 2280Price PER POUND of ice: 0.20 (Insert in "Unit Price space at top of Bidding Schedule page.)Total price per pallet: \$440.00Pallet Dimensions: 48 x 40 x 70Price (if any) for pallet: \$5.00 (The State does NOT intend to return pallets, as they are likely to be scattered over a wide geographic area.)20 Pallets per truck. 2200 bags per loaded truck.

SPECIAL NOTE: The State anticipates that no single vendor will have sufficient capacity/inventory to meet the requirements of this bid. In addition, since no one knows where the next disaster may strike, it is impossible to know which vendors may be accessible due to damage. Therefore, the following two questions are being asked so that the State has some basis for planning its activities in the event of an emergency.

1. Assuming you are able to maintain normal production, state the number of pallets of ice you will have available within the first eight (8) hours after the declaration of a hurricane emergency, pursuant to any contract which you may be awarded: 100-140

2. Assuming you are able to maintain normal production, state the number of pallets of ice you will have available per day, pursuant to any contract which you may be awarded: _____
280-400 (Max 800 pallets in 24 hour period.)

SUPPLEMENTAL QUESTIONNAIRE:

1. State your normal hours of operation: 9:00 AM - 5:00 PM
2. Are you willing to furnish and load ice outside of your normal hours of operation? (yes/no) Yes
3. If the answer to 2 above is yes, state the price per pound for ice furnished, packaged and delivered as called for above outside your normal hours of operation: \$ same as offered
4. State the name, and telephone number (24 hour) of the contact person who will be responsible for administering this contract for your firm:

Michelle Novak (803)-407-2661 / Cell (803)-917-9277

Ken Prince (803)-739-2243 / Cell (803)-917-0357

5. State the location of the facility(s) where the ice will ship from:

Gaffney, SC Columbia, SC Spartanburg, SC Georgetown, SC

Lumberton, NC Raleigh, NC Norfolk, VA Jacksonville, FL

Panama City, FL Stewart, FL Lincolnton, GA Wrightsville, GA

Covington, GA East point, GA, Charleston, SC Savannah, GA

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POINTS OF DISTRIBUTION BY COUNTY
ANNEX 12

I. SCOPE

The purpose of this bid invitation is to establish a source or sources of supply for the purchase of new supplies and/or equipment as listed herein for all state agencies and local public procurement units within the geographic limits of the State of South Carolina. Purchases by local public procurement units are optional. (TCP011)

II. TYPE OF CONTRACT

A statewide term contract or contracts will be awarded by the Materials Management Office for the period indicated and in accordance with the provisions and conditions of this solicitation. (TCP022)

III. VOLUME

The total quantity of purchases of any individual item on the contract is not known. The Materials Management Office has attempted to give an accurate estimate of probable purchases of each item but does not guarantee that the State will buy any or all estimated amounts of any specified item or any total amount. All orders received by the contractor during the term of the contract shall be filled in accordance with the terms and conditions hereinafter set forth, except that the contractor shall not be required to ship any amount in excess of the normal use requirements of the ordering agency for a period beginning with the date of the purchase order and ending sixty (60) days after the expiration of the contract. (TCP031)

IV. BIDDING INSTRUCTIONS

The questionnaire included in this bid invitation must be completed and returned as part of your bid. (TCP514)

V. EVALUATION/AWARD

In accordance with the SPECIAL NOTE found in the attached specifications, the State will award primary and secondary contracts (if sufficient responsive and responsible bids are received).

VI. DELIVERY CONDITIONS

All items shall be FOB destination. The term FOB destination shall mean delivered and unloaded onto receiving dock of any state agency and, when applicable, any local public procurement unit within the State of South Carolina, with all charges for transportation and unloading prepaid by the contractor. (TCP082)

VII. PACKAGING (ALSO SEE BID SCHEDULE)

Standard packaging must be stated correctly. When it is necessary to bid a standard pack that is different from that stated in the bid invitation, provide a description of the packaging to be used under brand and grade. Alternate packaging and/or packing will be given consideration. All packaging shall conform to the current standards, acceptable by the trade and ICC regulations. (TCP151)

SPECIAL CONTRACT CLAUSES

DELIVERY TIME

The contractor shall be required to maintain or have available for his own use an inventory sufficient to make shipment within no more than eight hours after receipt of order(s). See attached specifications for more detail.

TERM/OPTION TO EXTEND:

Initial contract period: from 06/21/2001 to 06/20/2002. This contract will automatically extend on each anniversary date unless either party elects otherwise as allowed in the contract. The extensions may be less than, but will not exceed (1) additional one year periods. If the contractor elects not to extend on the anniversary date, the contractor must notify the Materials Management Office of its intention in writing 90 days prior to the anniversary date.

PRICE ADJUSTMENT BASED ON CONTRACTORS COST

Request for price increase must be submitted, in writing to the Materials Management Office at least ninety (90) days prior to the automatic renewal date. (Price increases will only become effective if approved in writing by the Materials management Office). The maximum increases will not exceed the unadjusted percent change from the previous year shown in Table 6 of the Producer Price Indexes (PPI) for commodities, the Consumer Price Index (CPI) for all urban consumers (CPI-U) "all items" for services or the current market conditions as determined by the contract administrator. (TCC120)

CONTRACT USAGE REPORT

Successful contractor(s) will be required to file a contract usage report quarterly identifying contract number, item description, sales volume (quantity) by paying agency, and total sales. The contract usage report will be required within 15 days after the end of each quarter and an annual summary report within 15 days after the contract's anniversary or expiration date. These reports will be submitted to the Materials Management Office, attention: contracts administration, 1201 Main Street, Suite 600, Columbia, S.C., 29201 Note: failure to comply with this provision may subject this contract to termination for cause. (TCC121)

ANDERSON

Facility	Address	Municipality	Latitude	Longitude
T L Hanna High	2600 Hwy. 81 North	Anderson	34.568930	-82.624460
Anderson College	316 Boulevard	Anderson	34.518200	-82.641400
Calhoun Street Elementary	1520 Calhoun St.	Anderson	34.525290	-82.625530
Centerville Elementary	1529 Whitehall Rd.	Anderson	34.530070	-82.707720
Concord Elementary	2701 Calrossie Rd.	Anderson	34.538180	-82.656850
Forrest Junior College	601 E River Street	Anderson	34.499530	-82.642420
Homeland Park Elementary	3519 Wilmont St.	Anderson	34.464300	-82.656170
Lakeside Middle School	315 Pearman Dairy Rd.	Anderson	34.506490	-82.685290
McCants Middle School	2123 Marchbanks Ave.	Anderson	34.531390	-82.629840
Nevitt Forest	1401 Bolt Dr.	Anderson	34.495100	-82.602660
New Prospect Elementary	126 New Prospect Church Rd	Anderson	34.508100	-82.704420
South Fant Street Elementary	1700 South Fant St.	Anderson	34.490170	-82.642170
Southwood Middle	1110 Southwood St.	Anderson	34.492560	-82.662160
Tri-County Technical College	Hwy 76	Anderson	34.536400	-82.618700
Varenes Elementary	1820 Hwy. 29 South	Anderson	34.471200	-82.681620
West Market Center	1909 Dobbins Bridge Road	Anderson	34.499510	-82.683360
Westside High	806 Pearman Dairy Rd.	Anderson	34.518900	-82.690280
Whitehall Elementary	702 Whitehall Rd.	Anderson	34.531790	-82.678760
Charles Aiken Academy	10612 Augusta Road	Belton	34.569310	-82.332560
Belton Elementary School	202 Watkins St.	Belton	34.517440	-82.494100
Belton Middle School	102 Cherokee Rd.	Belton	34.515710	-82.510730
Marshall Primary School	218 Bannister St.	Belton	34.524860	-82.503090
Wright Elementary	1136 Wright School R	Belton	34.400630	-82.527950
Belton Honea Path H.S	11000 Belton-Honea Path	Honea Path	34.469400	-82.426300
Honea Path Elementary	East Greer Street	Honea Path	34.445210	-82.394700
Honea Path Middle School	107 Brock Ave.	Honea Path	34.450560	-82.398840
Crescent High	9104 Highway 81 S	Iva	34.342260	-82.688440
Iva Elementary	803 Antreville Hwy.	Iva	34.313720	-82.645860
La France Elementary	2 Gerli St.	La France	34.614510	-82.764210
Pelzer Primary	214 Lebyy Street	Pelzer	34.644720	-82.461590
Ellen Woodside Elementary	9122 Augusta Rd.	Pelzer	34.648410	-82.388300
Fork Shoals Elementary	916 McKelvey Rd.	Pelzer	34.613600	-82.356000
Pendleton Elementary	902 East Queen Street	Pendleton	34.653280	-82.777780
Pendleton High	7324 Highway 187	Pendleton	34.615070	-82.784400
Riverside Middle	458 Riverside St.	Pendleton	34.656240	-82.795950
Tri-County Technical College	7900 Highway 76 # 587	Pendleton	34.641200	-82.790900
Spearman Primary School	2048 Easley Highway	Piedmont	34.683820	-82.547600
Wren Elementary	226 Roper Rd.	Piedmont	34.720890	-82.546360
Wren High	905 Wren School Rd.	Piedmont	34.724170	-82.545600
Wren Middle	1010 Wren School Rd.	Piedmont	34.726640	-82.545470
Starr Elementary School	7400 SC Highway 81 South	Starr	34.387130	-82.694430
Starr-Iva Middle School	1034 Rainey Rd.	Starr	34.384600	-82.725550
Townville Elementary	105 School House Road	Townville	34.564090	-82.902600
West Pelzer Primary	10 Stewart St.	West Pelzer	34.647000	-82.480350
Cedar Grove Elementary	107 Melvin Lane	Williamston	34.594200	-82.496650
Palmetto High	804 N. Hamilton Street	Williamston	34.633370	-82.477180
Palmetto Middle	803 N. Hamilton Street	Williamston	34.633020	-82.478140
Palmetto Primary	1 Roberts Drive	Williamston	34.631770	-82.473390

BERKELEY

Facility	Address	Municipality	Latitude	Longitude
Devon Forest Elementary	1127 Dorothy Street	Goose Creek	3302.280627'	-80 04.479777'
Stratford High	951 Crowfield Blvd	Goose Creek	33 0.863094'	-8005.104779'
Timberland High	1418 Gravel Hill Rd	St. Stephen	33 20.210640'	-79 53.444507'
Hanahan Middle	5815 Murray Drive	Hanahan	32 54.450135'	-79°59.625578'
Hanahan High	6015 Murray Drive	Hanahan	32°54.905023'	-80 00.480594'
Westview Middle	101 Westview Blvd	Goose Creek	33 00.326769'	-80 02.896212'
Westview Elementary	100 Westview Blvd	Goose Creek	33 00.260840'	-80 02.869872'
Howe Hall Aims Elementary	115 Howe Hall Rd	Goose Creek	32 58.796107'	-80 01.687475'
Goose Creek High	1137 Redbank Rd	Goose Creek	32 58.406620'	-80 00.998764'
Cross Elementary	1325 Ranger Drive	Cross	33 18.048368'	-80 10.019510'
Cross High	1293 Old Highway 6	Cross	33 21.081755'	-80 09.828101'
Macedonia Middle	200 Macedonia Foxes Cl	Moncks Corner	33 16.051422'	-79 53.712047'
H.E.Bonner Elementary	171 Macedonia Foxes Cl	Moncks Corner	33 15.920319'	-79 53.728931'
Berkeley High	406 West Main	Moncks Corner	33 12.135885'	-80 01.592007'
Whitesville Elementary	324 Gailliard Rd	Moncks Corner	33 08.998382'	-80 02.946266'
Sangaree Elementary	1460 Royle Rd	Summerville	33 02.108008'	-80 06.515249'
Sangaree Intermediate	210 School House Ln	Summerville	33 02.121495'	-80 06.457691'
College Park Intermediate	100 Davidson Drive	Ladson	33 00.962825'	-80 05.406233'
Boulder Bluff Elementary	400 Judy Drive	Goose Creek	33 01.417185'	-80 01.616954'
Marrington Elementary	101 Gearing Street	Goose Creek	32 58.089634'	-79 58.549737'
Marrington Middle	109 Gearing Street	Goose Creek	32 58.109045'	-79 58.407412'
Cainhoy Elementary/Middle	2434 Cainhoy Rd	Huger	33 01.249039'	-79 51.148628'
College Park Middle	713 College Park Rd	Ladson	33 01.124623'	-80 05.419959'
St Stephen Middle	225 Carolina Ave	St. Stephen	33 24.317848'	-79 56.014993'
Sedgefield Middle	131 Charles Gibson Ave	Goose Creek	32 58.685406'	-80 00.709486'
Berkeley Elementary	715 Hwy 6	Moncks Corner	33 12.312501'	-80 03.315022'
J K Gordon Elementary	2205 Hwy 35	St. Stephen	33 25.534171'	-79 59.418695'
Berkeley Middle	320 N. Live Oak Drive	Moncks Corner	33 11.984876'	-79 59.711322'
St. Stephen Elementary	1053 Russellville Rd	St. Stephen	33 23.932338'	-79 55.724151'
Berkeley Alternative	107 E. Main St	Moncks Corner	33 11.715021'	-80 00.751975'
Hanahan Elementary	4000 Mabeline Rd	Hanahan	32 56.039702'	-80 01.686042'
Sedgefield Intermediate	225 Garwood Drive	Goose Creek	32 58.659961'	-80 00.881188'
Berkeley Intermediate	777 Stoney Landing Rd	Moncks Corner	33 11.777627'	-79 58.666364'
Westview Primary	98 Westview Blvd	Goose Creek	33 00.397424'	-80 02.931994'
Goose Creek Primary	200 Foster Creek Rd	Hanahan	32 58.411595'	-80 01.922605'
Sangaree Middle	1050 Discovery Dr	Ladson	33 01.646837'	-80 06.502399'
Daniel Island Middle	2365 Daniel Island Dr	Charleston	32 50.969926'	-79 54.556065'
Cane Bay High (future)			33 06.132599'	-80 07.342565'
Cane Bay Elementary (future)			33 06.450509'	-80 07.277595'

CHARLESTON

Facility	Address	Municipality	Latitude	Longitude
Lincoln High School		McClellanville	33°05.78	079°28.70
Hardware Store	Hwy 17 & 45	McClellanville	33°05.50	079°27.42
Buck Hall State Park	Hwy 17	Awendaw	33°02.08	079°37.13
Super Wal-Mart	Hwy 17 & Porchers Bluff Rd	Mt. Pleasant	32°52.61	079°6.43
Wando High School	1000 Warrior Way	Mt. Pleasant	32°52.61	079°46.43
Laing Middle School	2213 Hwy 17 N	Mt. Pleasant	32°50.55	079°47.20
Moultrie Middle School	1560 Mathis Ferry Rd	Mt. Pleasant	32° 0.55	079° 7.20
Belks	Hwy 17 & IOP Connector	Mt. Pleasant	32° 49.93	079°49.57
Bi-Lo	Hwy 17 Bus & Ben Sawyer	Mt. Pleasant	32° 7.73	079° 1.58
Belle Hall Elem School	385 Egypt Road	Mt. Pleasant	32° 0.47	079° 0.83
Citadel Mall		West Ashley	32° 7.89	080° 1.80
	Hwy 7 and Hwy 171	West Ashley	32° 8.90	079° 9.62
	Hwy 17 and Farmfield	West Ashley	32° 6.94	079° 59.76
	Camp and Folly Road	James Island	32° 3.96	079° 9.28
	Grimball & Folly Road	James Island	32° 3.02	079° 8.06
St. Johns High School	1518 Main Road	Johns Island	32°43.63	080°06.15
	Maybank & Main Road	Johns Island	32° 3.24	080° 4.83
	Main and River Road	Johns Island	32° 8.49	080° 8.25
	Hwy 17 and Hwy 165	Hollywood	32° 6.49	080° 4.98
Blaney Elem School	Hwy 162	Hollywood	32° 3.76	080° 7.13
Jane Edwards School	1960 Jane Edwards	Edisto Island	32° 4.82	080° 7.96
Parking Lot	Fishburne	Charleston		
	Calhoun near Concord	Charleston		
Military Magnet School	2950 Carner Ave	N. Charleston		
	McMillan & Rivers Ave	N. Charleston		
Morningside School	1999 Singley St	N. Charleston		
North Charleston Elem. School	4921 Durant	N. Charleston		
	Dorchester Rd near Great Oaks	N. Charleston		
Toys-R-Us	Rivers Ave and North Rivers Market	N. Charleston		
Fairgrounds	Highway 78			

CHEROKEE

Facility	Address	Municipality	Latitude	Longitude
Macedonia Baptist Church	216 Macedonia Road	Gaffney	35.075386	-81.762638
Macedonia Baptist Church	217 Macedonia Road	Gaffney	35.076776	-81.762347
New Pleasant Baptist Church	242 New Pleasant Road	Gaffney	35.122313	-81.807163
Gowdeysville Church	1012 Gowdeysville Road	Gaffney	34.9098	-81.56977
El Bethel Church	116 Billy Goat Bridge Road	Gaffney	34.94275	-81.578131
Twinn River Fire Department	513 Hickory Grove Road	Gaffney	34.905399	-81.524804
Abingdon Creek Church	187 Abingdon Road	Gaffney	34.959854	-81.515264
Mt. Tabor Church	4799 Wilkinsville Hwy	Gaffney	34.955882	-81.517201
Cherokee County Landfill	192 Lemuel Road	Gaffney	35.118331	-81.614077
Concord Baptist Church	915 Concord Road	Gaffney	35.125002	-81.615825
Grassy Pond Baptist Church	254 Grassy Pond Road	Gaffney	35.137157	-81.677291
Cherokee National Golf Course	442 Cherokee National Hwy	Gaffney	35.126365	-81.705101
Fairview Baptist Church	505 Fairview Road	Gaffney	35.11622	-81.731852
Cherokee Creek Church	502 Buck Shoals Road	Gaffney	35.14632	-81.746471
Crestview Baptist Church	153 Daniel Morgan School Road	Gaffney	35.126986	-81.775228
Stateline Baptist Church	1328 State Line Road	Gaffney	35.168913	-81.789077
New Mt. Zion Church	154 Roundtree Road	Gaffney	34.9924	-81.6551
Eastside Baptist Church	1284 E. Cherokee Street	Blacksburg	35.136164	-81.473628
Antioch Baptist Church	825 Antioch Road	Blacksburg	35.153398	-81.396418
Hopewell Church	511 Old Chester Road	Blacksburg	35.078753	-81.499205
Nazareth Baptist Church	1156 Ninety Nine Island Raod	Blacksburg	35.06327	-81.50688
Smyrna Baptist Church	1613 McGill Hwy	Blacksburg	35.052005	-81.422907
Blue Branch Baptist Church	1703 Pacolet Hwy	Gaffney	35.014575	-81.686941
Silica Springs Baptist Church	2032 Pacolet Hwy	Gaffney	35.002641	-81.691551
Goucher Baptist Church	415 Goucher Creek Road	Gaffney	34.972579	-81.710158
Food Lion	1130 W. Cherokee Street	Blacksburg	35.113241	-81.531483
Broad River Baptist Church	420 W. Cherokee Street	Blacksburg	35.118881	-81.52095
First Baptist Parking	200 N. Limestone Street	Gaffney	35.073462	-81.649888
West End Baptist Church	400 Overbrook Drive	Gaffney	35.078838	-81.661228
Central Baptist Church	500 East Montgomery Street	Gaffney	35.066833	-81.645318
Gaffney Middle School	805 East Fredrick Street	Gaffney	35.067726	-81.64223
Ashbury/Rehobeth FD	5837 Union Hwy	Gaffney	34.920863	-81.623641
Mt. Paran Baptist Church	105 Mt. Paran Road	Blacksburg	35.139054	-81.508363
Young Grove Baptist Church	2222 Young Grove Road	Blacksburg	35.133926	-81.573312
Buffalo Baptist Church	618 Old Buffalo Church	Blacksburg	35.162049	-81.585007
Peterson Cabinet's Storage	1615 McKown's Mtn. Road	Gaffney	35.0224	-81.5249
Draytonville Baptist Church	159 Draytonville Church Road	Gaffney	35.048789	-81.596026
Ford Road Rec Complex	737 Ford Road	Gaffney	35.07257	-81.568234
Midway Youth Rec Complex	230 Midway Road	Gaffney	35.072938	-81.704581
East Gaffney Church	2308 Cherokee Avenue	Gaffney	35.080705	-81.620527

COLLETON

Facility	Address	Municipality	Latitude	Longitude
Colleton County Station 1	229 Mable T. Willis Blvd.	Walterboro	32.52975	80.41763
Colleton County Station 2	150 Clinic Dr	Jacksonboro	32.4629	80.27778
Colleton County Station 3	8667 Lodge Hwy.	Lodge	33.03093	80.57438
Colleton County Station 4	2425 Azalea Patch Rd	Ruffin	32.55324	80.48299
Colleton County Station 5	13871 Augusta Hwy.	Round O	33.03238	80.36929
Colleton County Station 6	503 Fire Station Rd	Green Pond	32.4424	80.35424
Colleton County Station 7	105 Fireman Lane	Smoaks	33.05486	80.48734
Colleton County Station 8	3551 Black Creek Rd	Yemassee	32.48235	80.46609
Colleton County Station 9	199 Rehoboth Rd	Cottageville	32.588	80.32072
Colleton County Station 10	1985 Adnah Church Rd	Islandton	32.54856	80.53338
Colleton County Station 11	24061 Augusta Hwy.	Cottageville	33.02702	80.26772
Colleton County Station 12	8348 Charleston Hwy.	Walterboro	32.49789	80.34004
Colleton County Station 13	735 Jonesville Ave.	Yemassee	32.42916	80.48268
Colleton County Station 14	2414 Murray St.	Edisto Beach	32.4829	-80.32982
Colleton County Station 15	547 Ashton Rd	Islandton	32.54989	80.55963
Colleton County Station 16	245 Joel Padgett Dr	Williams		
Colleton County Station 17	6800 Sunrise Rd	Smoaks	33.06817	80.42215
Colleton County Station 18	12232 Bells Hwy.	Ruffin	32.5883	80.51168
Colleton County Station 19	1118 Thunderbolt Dr	Walterboro	32.56658	80.37717
Colleton County Station 20	85 Station Ct	Edisto Island	32.3126	80.17919
Colleton County Station 21	15583 Bennetts Point Rd	Green Pond	32.33673	80.27278
Colleton County Station 22	3547 Possum Corner Rd	Walterboro	32.47342	80.386
Colleton County Station 23	8454 Ashton Rd	Islandton	33.00875	80.5813
Colleton County Station 24	111 Foxfield Rd	Walterboro	32.53611	80.37684
Colleton County Station 25	1558 White Hall Rd	Yemassee	32.44917	80.41691
Colleton County Station 26	2970 Mount Carmel Rd	Walterboro	32.58028	80.41756
Colleton County Station 27	421 Hampton Street	Walterboro	32.54123	80.39717
Colleton County Station 28	9200 Block Bennetts Point Rd	Green Pond		
Colleton County Station 29	7187 Cane Branch Rd	Ruffin	32.50677	80.49401

DARLINGTON

Facility	Address	Municipality	Latitude	Longitude
Lake Robinson Rescue	2364 West Old Camden Rd.	Hartsville	34.393011	-80.168289
LRRS Haunted House	3229 West Old Camden Rd.	Hartsville	34.378075	-80.202156
Gum Branch Church	Clyde Rd.	Hartsville	34.382078	-80.185756
Pine Acres Drive	West Bobo Newsome Hwy.	Hartsville	34.390117	-80.157956
Old Hartsville Junior High	W. Carolina Ave and 8th St.,	Hartsville	34.370714	-80.080875
Carolina Elementary School	W. Carolina and 11th St.,	Hartsville	34.400456	-80.088714
Hartsville Middle School	14th St. and W. Bobo Newsome Hwy.	Hartsville	34.342700	-80.096761
Byerly Park	Corner of 14th St. and Russell Rd.,	Hartsville	34.351572	-80.091097
Rancho Grande Resturant	S. 5th St. and Marquis Hwy	Hartsville	34.344822	-80.069414
Lee Street Ball Field	Leesburg St. and Gibson St.,	Hartsville	34.377472	-80.050019
	Stoneridge Ave. and Damascus Church Rd	Hartsville	34.378753	-80.049142
Northern League Ballfield	Intersection of Old Ruby Rd. and Noel St	Hartsville	34.396031	-80.073564
North Hartsville Elementary	Corner of Byrd St. and School Dr.,	Hartsville	34.392617	-80.076925
Hartsville Municipal Airport	Hartsville Airport Rd.,	Hartsville	34.409494	-80.114064
Lydia FD Station 9	750 West Lydia Hwy.,	Hartsville	34.289014	-80.107683
	Pocket St. at Cherokee Lady St.		34.284811	-80.073061
Lydia Community Center	5069 Indian Branch Rd.,	Hartsville	34.289686	-80.112367
Antioch Baptist Church	1121 Bethelhem Rd.,	Hartsville	34.432172	-79.858408
Darlington County Jetport	N.Governor Williams Hwy.,	Darlington	34.444339	-79.886714
	Railroad Ave. and Pearl St.,	Lamar		
Spaulding Elementary	204 E. Pearl St.,	Lamar	34.163864	-80.061586
Industrial Park			34.299203	-79.929678
Darlington County Tech	160 Pinedale Road	Darlington	34.302158	-79.932547
Pallet Makers	1517 Mont Clare Rd.,	Darlington	34.395000	-79.823794
Darlington High School	525 High St.,	Darlington	34.319006	-79.879494
Cain Elementary School	607 First St.,	Darlington	34.297903	-79.865356
St John's Elementary	140 Park St.,	Darlington	34.305069	-79.875511
Brockington School	309 Brockington Rd.,	Darlington	34.286789	-79.886219
Mechanicsville Baptist	2364 Cashua Ferry Rd.	Darlington	34.342325	-79.886219
Industrial Park	Corner of Republic Ave. (behind UPS)		34.250125	-79.818367
Wellman Industries	East McIver Rd.	Darlington	34.266803	-79.806203
Bethea Home	157 Home Ave.	Darlington	34.256872	-79.857019
Old St. David's Academy	Hwy 15/52/401N	Society Hill	34.505589	-79.857056
Railroad	Depot and Burlington Sts.	Society Hill	34.524200	-79.842397

FLORENCE

Facility	Address	Municipality	Latitude	Longitude
Carver Elementary School	1012 Congaree Dr	Florence	34.17626492	-79.78034488
Carver Elementary School	515 N Cashua Dr	Florence	34.20517130	-79.80226331
Carver Elementary School	1211 S Cashua Dr	Florence	34.17113649	-79.81925343
Dewey L. Carter Elementary	4937 S Irby Street	Florence	34.08779016	-79.76906497
Greenwood Elementary	2300 E Howe Springs Rd	Florence	34.14404701	-79.72839527
Hannah-Pamplico Elementary	2131 S Pamplico Hwy	Pamplico	33.94201721	-79.54975473
Hannah-Pamplico High School	2050 S Pamplico Hwy	Pamplico	33.94627376	-79.55117206
Henry Timrod Elementary	1901 E Old Marion Hwy	Florence	34.23058634	-79.70589555
J.C. Lynch Elementary	124 Hicks Rd	Coward	33.97113638	-79.75160862
J. Paul Trulick Elementary	319 Carlisle St	Lake City	33.87458401	-79.76536733
Johnsonville Elementary	160 E Marion St	Johnsonville	33.81627483	-79.44588875
Johnsonville High School	237 S Georgetown	Johnsonville	33.81601595	-79.44307339
Johnsonville Middle School	415 Maple Ave	Johnsonville	33.80965468	-79.44689436
Lake City Elementary	906 N Matthews Rd	Lake City	33.86804157	-79.74803906
Lake City High School	652 N Matthews Rd	Lake City	33.88908844	-79.76564816
Main St. Elementary	318 E Main St	Lake City	33.87109938	-79.74824769
Moore Intermediate School	1101 Cheraw Dr	Florence	34.17848490	-79.79145534
North Vista Elementary	1100 N Irby St	Florence	34.21154444	-79.76450422
Olanta Elementary School	312 N Jones Rd	Olanta	33.93848946	-79.93173261
Richard McLaurin Elementary	1400 McMillan Lane	Florence	34.17682698	-79.74395430
McNair Middle School	311 Carver St	Lake City	33.86877341	-79.76756929
Royall Elementary School	1400 Woods Rd	Florence	34.18682522	-79.79200522
Savannah Grove Elementary	2348 Savannah Grove Rd	Effingham	34.14737575	-79.82756698
Scranton Elementary School	1649 US 52 Hwy	Scranton	33.91223464	-79.74747449
Sneed Middle School	1102 Ebenezer Rd	Florence	34.16915747	-79.85140321
South Florence High School	3200 S Irby St	Florence	34.13182652	-79.77172606
Southside Middle School	200 Howe Springs Rd	Florence	34.13293662	-79.76978573
T. Lester Elementary School	3500 E Palmetto St	Florence	34.19848531	-79.69589248
Timmons Education Center	304 Kemper St	Timmons	34.14250693	-79.94627135
Wallace Greg Elementary	515 Francis Marion Rd	Florence	34.18637433	-79.65756298
West Florence High School	221 N Beltline Dr	Florence	34.19487497	-79.82395488
Williams Middle School	1119 N Irby St	Florence	34.21376409	-79.76867468
Wilson High School	1411 Old Marion Hwy	Florence	34.21987461	-79.73089331

GREENVILLE

Facility	Address	Municipality	Latitude	Longitude
Fountain Inn Elementary	608 Fairview Street	Fountain Inn	34.694300	-82.200670
Powdersville Elementary	139 Hood Road	Greenville	34.795810	-82.487610
Family Learning Center	111 Laurens Road	Greenville	34.852680	-82.382410
Meyer Center Charter	1132 Rutherford Road	Greenville	34.884580	-82.376430
Powdersville Middle	135 Hood Rd.	Greenville	34.798480	-82.488450
Armstrong Elementary School	8601 White Horse Road	Greenville	34.907100	-82.460860
Augusta Circle Elementary	100 Winyah St.	Greenville	34.823070	-82.394380
Bakers Chapel Elementary	555 S. Old Piedmont Hwy.	Greenville	34.783900	-82.429300
Beck Middle School	302 McAlister Rd.	Greenville	34.833100	-82.370100
Berea	515 Berea Dr.	Greenville	34.876030	-82.463000
Berea Elementary School	100 Berea Drive	Greenville	34.879400	-82.457300
Berea Middle	151 Berea Mid School Rd.	Greenville	34.916860	-82.454330
Blythe Elementary School	100 Blythe Dr.	Greenville	34.812280	-82.385560
Bob Jones University	1700 Wade Hampton Blvd	Greenville	34.875700	-82.365300
Carolina	2725 Anderson Rd.	Greenville	34.815050	-82.443350
Cone Elementary	500 Gridley St.	Greenville	34.873040	-82.417680
Donaldson Career Center	100 Vocational Dr.	Greenville	34.759200	-82.383900
Duncan Chapel Elementary	210 Duncan Chapel Rd.	Greenville	34.910400	-82.426490
East Gantt Elementary	400 Fork Shoals Rd.	Greenville	34.777940	-82.371230
East North Street School	1720 East North St.	Greenville	34.861610	-82.370920
Enoree Career Center	108 Scalybark Rd.	Greenville	34.912620	-82.442930
Furman University	3300 Poinsett Hwy	Greenville	34.925300	-82.433300
Golden Strip Career Center	1120 E Butler Rd.	Greenville	34.813320	-82.276170
Governor's School for Arts	15 University	Greenville	34.842760	-82.404280
Greenbrier Elementary	853 Log Shoals Rd.	Greenville	34.760600	-82.300580
Greenview Elementary	625 Piedmont Hwy.	Greenville	34.806750	-82.426390
Greenville High	1 Vardry St.	Greenville	34.842150	-82.407640
Greenville Middle School	339 Lowndes Ave.	Greenville	34.860510	-82.369420
Greenville Presbyterian Thelo	705 Augusta Street	Greenville	34.836310	-82.406620
Greenville TEC	506 South Pleasantburg	Greenville	34.829390	-82.370100
Hollis Elementary	200 Goodrich Street	Greenville	34.835100	-82.428400
Hughes Academy	122 DeOyley Ave.	Greenville	34.809420	-82.389350
J L Mann	61 Isbell Lane	Greenville	34.813600	-82.346490
Lake Forest Elementary	16 Berkshire Ave.	Greenville	34.881970	-82.345070
Lakeview Middle School	3801 Old Buncombe Rd.	Greenville	34.890360	-82.432520
League Middle School	125 Twin Lake Dr.	Greenville	34.882450	-82.373420
Marshall I Pickens Hospital	701 Grove Rd.	Greenville	34.821750	-82.412290
Mitchell Road Elementary	4124 East North St.	Greenville	34.878480	-82.319350
Monaview Elementary School	1006 W Parker Rd.	Greenville	34.869560	-82.436880
Paris Elementary	1004 Piedmont Park Road	Greenville	34.909840	-82.364800
Parker Middle	900 Woodside Ave.	Greenville	34.861080	-82.427010
Pelham Road Elementary	100 All Star Way	Greenville	34.860630	-82.311250
Sans Souci Elementary	302 Perry Rd.	Greenville	34.886210	-82.413760
Sara Collins Elementary	1200 Parkins Mill Rd.	Greenville	34.816300	-82.366390
Sevier Middle School	101 Sunnysdale Dr.	Greenville	34.908080	-82.364170
Sirrine Elementary	301 E. Dorchester Blvd	Greenville	34.790310	-82.384360

Southside High	100 Blessingame Rd.	Greenville	34.797560	-82.396660
Stone Elementary School	115 Randell Street	Greenville	34.865500	-82.396370
Summit Drive Elementary	424 Summit Dr.	Greenville	34.877410	-82.383040
Wade Hampton	100 Pine Knoll Dr.	Greenville	34.888060	-82.357780
Washington Center	4 O. Jones Street	Greenville	34.882330	-82.393470
Welcome Elementary	36 E Welcome Rd.	Greenville	34.822690	-82.444380
Westcliffe Elementary	105 Eastbourne Rd.	Greenville	34.866410	-82.466750
Chandler Creek Elementary	301 Chandler Road	Greer	34.957330	-82.234480
J Harley Bonds Center	505 North Main Street	Greer	34.942220	-82.224440
Riverside Middle	615 Hammett Bridge Road	Greer	34.903730	-82.254000
Blue Ridge	2151 Fews Chapel Rd.	Greer	35.042440	-82.287050
Blue Ridge Middle	2423 Tiger Bridge Rd.	Greer	35.041110	-82.312050
Buena Vista Elementary	310 S Batesville Rd.	Greer	34.887430	-82.267200
Crestview Elementary	509 American Legion	Greer	34.964720	-82.221320
Greer High	3000 E. Gap Creek Road	Greer	34.990380	-82.243860
Greer Middle School	3032 E. Gap Creek Road	Greer	34.990610	-82.244090
Riverside High	1300 South Suber Road	Greer	34.906280	-82.257440
Skyland Elementary	4221 Hwy. 14 North	Greer	35.046840	-82.265250
Woodland Elementary	1730 Gibbs Shoals Road	Greer	34.923360	-82.238800
Slater-Marietta Elementary	601 Slater Rd.	Marietta	35.025300	-82.496880
Mauldin Elementary School	101 East Butler Ave.	Mauldin	34.781000	-82.306310
Mauldin High	701 East Butler Rd.	Mauldin	34.794660	-82.288230
Grove Elementary	1220 Old Grove Rd.	Piedmont	34.759940	-82.415040
Sue Cleveland Elementary	3 Church Street	Piedmont	34.702600	-82.455490
Woodmont High	150 Woodmont Sch Rd.	Piedmont	34.691200	-82.403260
Woodmont Middle School	325 N Flat Rock Rd.	Piedmont	34.694990	-82.406910
Bell's Crossing Elementary	804 Scuffletown Road	Simpsonville	34.768490	-82.207140
Mauldin Middle	1190 Holland Road	Simpsonville	34.780170	-82.275040
Bethel Elementary School	111 Bethel School Rd.	Simpsonville	34.778030	-82.277500
Bryson Elementary	703 Bryson Dr.	Simpsonville	34.717890	-82.250170
Bryson Middle	3657 South Industrial Drive	Simpsonville	34.755730	-82.284500
Hillcrest High	3665 S. Industrial Drive	Simpsonville	34.755740	-82.284540
Hillcrest Middle	510 Garrison Rd.	Simpsonville	34.755860	-82.256650
Oakview Elementary	515 Godfrey Rd.	Simpsonville	34.827990	-82.232810
Plain Elementary	506 Neely Ferry Rd.	Simpsonville	34.734050	-82.282470
Simpsonville Elementary	305 East College St.	Simpsonville	34.741820	-82.252160
Brook Glenn Elementary	2003 East Lee Rd.	Taylors	34.911800	-82.309460
Brushy Creek Elementary	1344 Brushy Creek Rd.	Taylors	34.894420	-82.295970
Eastside High	1300 Brushy Creek Rd.	Taylors	34.895870	-82.301480
Mountain View Elementary	6350 Mountain Viewrd	Taylors	35.032740	-82.354570
Northwood Middle School	710 Ike's Rd.	Taylors	34.894210	-82.316180
Tanglewood Middle	44 Merriwoods Dr.	Taylors	34.826790	-82.469720
Taylors Elementary	809 Reid School Rd.	Taylors	34.933810	-82.329780
North Greenville College	101 Boulevard Ave.	Tigerville	35.097400	-82.357300
Tigerville Elementary	25 School Rd.	Tigerville	35.075730	-82.367060
Gateway Elementary School	200 Hawkins Rd.	Traveler's Rest	34.976300	-82.424730
Heritage Elementary	1592 Greer Hwy.	Traveler's Rest	34.999650	-82.474430
Northwest Middle School	1606 Geer Highway	Traveler's Rest	35.000510	-82.476920
Travelers Rest High	115 Wilhelm Winter	Traveler's Rest	34.957370	-82.442510

GREENWOOD

Facility	Address	Municipality	Latitude	Longitude
Emerald High School	150 By Pass 225	Greenwood	34.183910	-82.184780
Greenwood Center School	2821 Airport Road	Greenwood	34.248210	-82.147140
Brewer Middle School	927 E Cambridge Ave.	Greenwood	34.197090	-82.142650
East End Elementary	1125 E Cambridge Ave.	Greenwood	34.197770	-82.138880
Greenwood County	601 E Northside Dr.	Greenwood	34.233650	-82.166520
Greenwood High School	1816 Cokesbury Rd.	Greenwood	34.230230	-82.176120
Lakeview Elementary	660 Center St.	Greenwood	34.210290	-82.192300
Lander College	320 Stanley Ave	Greenwood	34.197330	-82.165340
Mathews Elementary School	615 Chace St.	Greenwood	34.160560	-82.146710
Merrywood Primary School	100 Merrywood Rd.	Greenwood	34.212490	-82.172580
Northside Middle School	400 Glenwood St.	Greenwood	34.210260	-82.170800
Oakland Elementary	1802 East Durst Ave.	Greenwood	34.227590	-82.141220
Piedmont Technical College	620 North Emerald	Greenwood	34.208800	-82.118600
Pinecrest Elementary School	220 East Northside Dr.	Greenwood	34.232280	-82.174540
Southside Middle	725 Marshall Rd.	Greenwood	34.181510	-82.139180
Springfield Elementary	1608 Florida Ave.	Greenwood	34.151160	-82.174710
Westview Middle	1410 West Alexander Rd	Greenwood	34.133300	-82.166700
Woodfields Elementary School	304 Woodfields Rd.	Greenwood	34.183700	-82.138870
Edgewood Middle School	200 Edgewood Circle	Ninety Six	34.179710	-82.019600
Ninety-Six Elementary School	810 Johnston Road	Ninety Six	34.172430	-82.024400
Ninety-Six High School	601 Johnston Road	Ninety Six	34.164380	-82.019850
Ninety Six Primary School	119 S Cambridge St	Ninety Six	34.174380	-82.024150
Ware Shoals Elementary	45 West Main St.	Ware Shoals	34.396000	-82.252430
Ware Shoals High	56 South Greenwood Ave	Ware Shoals	34.392130	-82.237540
Ware Shoals Primary	15269 Indian Mound Rd.	Ware Shoals	34.393040	-82.237400

HORRY

Facility	Address	Municipality	Latitude	Longitude
Academy For Arts	900 79th Ave. N	Myrtle Beach	33.756110	-78.823720
Tech & Academics			34.200000	-79.197778
Aynor	501 Joynerville Hwy.	Aynor	33.991670	-79.203470
Black Water Middle			34.014167	-79.035
Carolina Forest Elementary			33.955556	-79.039722
Carolina Forest High			33.991111	-79.039167
Conway	2201 Church St.	Conway	33.851510	-79.076070
Conway Education Center			33.876950	-79.098530
Conway Elementary School	304 12th Ave.	Conway	33.849180	-79.046920
Conway Middle			33.843520	-79.055170
Daisy Elementary	2801 Red Bluff Rd.	Loris	33.987500	-78.853440
Forestbrook Elementary	4000 Panther Pkwy.	Myrtle Beach	33.717060	-78.989830
Forestbrook Middle			33.970278	-79.025556
Green Sea Floyds	5625 Highway 9	Green Sea	34.144720	-79.020520
Green Sea Floyds Elementary	5200 Hwy. 9 West	Green Sea	34.141870	-79.021030
Homewood Elementary	2711 North Main St.	Conway	33.872740	-79.051790
HC Education Center			39.981111	-79.156111
Kingston Elementary	2694 Hwy. 905	Conway	33.873400	-78.978170
Lakewood Elementary School	1675 Hwy. 396	Myrtle Beach	33.649650	-78.953280
Loris	301 Heritage Rd.	Loris	34.044800	-78.865070
Loris Elementary School	3512 Broad St.	Loris	34.049570	-78.863720
Loris Middle	3410 Church St.	Loris	34.065220	-78.894880
Midland Elementary School	County 23 And 32 N	Galivants Ferry	34.020300	-79.155720
Myrtle Beach	3300 Central Parkway	Myrtle Beach	33.723930	-78.866710
Myrtle Beach Elementary	3101 Oak St.	Myrtle Beach	33.712090	-78.865110
Myrtle Beach Intermediate			33.945556	-79.059444
Myrtle Beach Middle School	3301 Oak St.	Myrtle Beach	33.718440	-78.865420
Myrtle Beach Primary	612 29th Ave. N	Myrtle Beach	33.713390	-78.868850
N. Myrtle Beach	3750 Sea Mountain Hwy	Little River	33.862510	-78.665700
N. Myrtle Beach Elementary	700 Sandridge Rd.	Little River	33.852500	-78.677180
N. Myrtle Beach Middle	655 Highway 90	Little River	33.852310	-78.680460
N. Myrtle Beach Primary	901 11th Ave. North	N. Myrtle Beach	33.832000	-78.665350
Ocean Bay Elementary			33.786111	-79.122222
Ocean Bay Middle			34.015556	-78.880556
Palmetto Bay Elementary			33.956111	-79.081667
Pee Dee Elementary	3521 Juniper Rd.	Conway	33.838100	-79.127780
Seaside Elementary	1605 Woodland Ave	Garden City	33.595060	-78.998290
Socastee	4900 Socastee Blvd.	Myrtle Beach	33.684280	-78.996860
Socastee Elementary School	4950 Socastee Blvd.	Myrtle Beach	33.683240	-78.999440
South Conway Elementary			33.879722	-79.247222
St James Elementary	9711 St. James Rd.	Myrtle Beach	33.624150	-79.034630
St James Middle School	9775 St. James Rd.	SurfsideBeach	33.622440	-79.032240
St. James High			33.846667	-79.082222
Waccamaw Elementary	251 Claridy Rd.	Conway	33.812580	-79.024210
Whittemore Park Middle	1808 Rhue St.	Conway	33.836690	-79.069140

LEXINGTON

Facility	Address	Municipality	Latitude	Longitude
Airport High School	1315 Boston Ave.	W. Columbia	33.951019	-81.106373
Batesburg-Leesville High	600 Summerland Drive	Batesburg	33.924364	-81.536239
Brookland-Cayce High	1300 State Street	Cayce	33.981744	-81.055591
Chapin High School	300 Columbia Ave	Chapin	34.167215	-81.341574
Lexington High School	2463 Augusta Hwy	Lexington	33.978961	-81.307734
Irmo High School	6671 St. Andrews Rd	Irmo	34.066904	-81.170766
Lake Murray Elementary	1531 Three Dog Rd	Ballentine	34.132786	-81.279235
Gilbert High School	146 Main St	Gilbert	33.910231	-81.389032
Pelion High School	758 Magnolia St	Pelion	33.92241	-81.39283
Swansea High School	500 E. First St	Swansea	33.73687	-81.092542
White Knoll High School	5643 Platt Springs Rd	Lexington	33.905863	-81.231485
Wal Mart	5556 Sunset Blvd	Lexington	33.996803	-81.224535
Wal Mart	2401 Augusta Hwy	Lexington		
Lowes	5412 Sunset Blvd	Lexington	34.001063	-81.213829
Food Lion	720-B W. Main St.	Lexington	33.485488	-81.250329
Food Lion	918 N. Lake Dr	Lexington	33.994845	-81.250329
Food Lion	1856 S. Lake Dr	Lexington	33.909264	-81.224763
Food Lion	6169 St. Andrews Rd	Irmo	34.05754	-81.162949
Food Lion	543 St. Andrews Rd	Irmo	34.045726	-81.127839
Food Lion	2250 Sunset Blvd	Lexington	34.061144	-81.1018
Food Lion	1618 Airport Blvd	W. Columbia	33.97207	-81.07818
Bi-Lo	421 Columbia Ave	Chapin	34.167262	-81.341347
Bi-Lo	2916 Emanuel Church Rd	Lexington	33.946215	-81.170436
Bi-Lo	6021 St. Andrews Rd	Irmo	34.05229	-81.159205
Bi-Lo	200 Friarsgate Plaza	Irmo	34.106454	-81.189721
Bi-Lo	300 Knox Abbot Dr	Cayce	33.986307	-81.053894
Bi-Lo	2453 Charleston Hwy	Cayce	33.946436	-81.078231
Bi-Lo	100 Capital Square	W. Columbia		
Piggly Wiggly	1123 S. Lake Dr	Lexington	33.950687	-81.234364
Piggly Wiggly	760 Hwy 378 W	Lexington		
Piggly Wiggly	4420 Augusta Rd	Lexington	33.974892	-81.157426
Piggly Wiggly	3040 Charleston Hwy	W. Columbia	33.928402	-81.078539
Publix	150 Harbison Blvd	Irmo	34.067479	-81.164974
Publix	2732 N. Lake Dr	Lexington	34.097825	-81.221782
Northside Baptist Church	1303 Sunset Blvd	Lexington		
Kmart	748 W. Main St	Lexington	33.985574	-81.250315
Kmart	1500 Charleston Hwy	W. Columbia	33.973839	-81.07582
Kmart	6169 St. Andrews Rd	Irmo	34.057508	-81.162962
Kohl's	5440 Sunset Blvd	Lexington	33.999857	-81.216987
Stein Mart	434 N. Lake Dr	Lexington	33.98544	-81.233694
Chapin Middle School	1130 Old Lexington Hwy	Chapin	34.142879	-81.342531
Gilbert Middle School	120 Rikard Cir	Gilbert	33.916364	-81.390608
Northside Middle School	157 Cougar Dr	Lexington	34.003031	-81.097804
Pine Ridge Middle School	735 Pine Ridge Dr	W. Columbia	33.912014	-81.106672
White Knoll Middle School	116 White Knoll Way	W. Columbia	33.942231	-81.187476

PICKENS

Facility	Address	Municipality	Latitude	Longitude
R C Edwards Middle	1157 Madden Bridge Road	Central	34.734500	-82.821400
Central Elementary	608 Johnson Road	Central	34.737760	-82.775670
Central Wesleyan College	Wesleyan Dr.	Central	34.725250	-82.769520
D W Daniel	1819 Six Mile Hwy.	Central	34.740980	-82.832030
Clemson Elementary	581 Berkeley Drive	Clemson	34.685010	-82.800740
Clemson University	201 Sikes Hall	Clemson	34.675400	-82.822900
Lifelong Learning/Adult Education	200 West D Street	Easley	34.834670	-82.592150
Richard H Gettys Middle	105 Stewart Drive	Easley	34.831750	-82.582300
B J Skelton Career Center	1400 Griffin Mill Road	Easley	34.839670	-82.665900
Concrete Elementary	535 Powdersville Main	Easley	34.783550	-82.490480
Crosswell Elementary	161 School Road	Easley	34.851920	-82.525950
Dacusville	2671 Earls Bridge Road	Easley	34.940540	-82.556180
Dacusville Middle School	899 Thomas Mill Road	Easley	34.940500	-82.556190
Easley High	510 Pendleton Street	Easley	34.826230	-82.601830
East End Elementary	505 East 2nd Avenue	Easley	34.829780	-82.594100
Forest Acres Elementary	401 McAlister Road	Easley	34.816740	-82.573490
McKissick Elementary	156 McKissick Road	Easley	34.850440	-82.609630
West End Elementary	314 Pelzer Hwy	Easley	34.808050	-82.602210
Liberty Elementary School	251 North Hillcrest Street	Liberty	34.791370	-82.702020
Liberty High	319 Summit Drive	Liberty	34.790210	-82.710290
Liberty Middle School	310 West Main Street	Liberty	34.789110	-82.697510
AR Lewis Elementary	1755 Shady Grove Road	Pickens	34.908870	-82.807680
Rebound Alternative School	133 Railroad Street	Pickens	34.890470	-82.678170
Ambler Elementary	838 Ambler School Road	Pickens	34.959120	-82.663940
Hagood Elementary	435 Sparks Lane	Pickens	34.899340	-82.704430
Holly Springs Elementary	120 Holly Springs Road	Pickens	34.973820	-82.753540
Pickens Elementary	567 Hampton Avenue	Pickens	34.876210	-82.700430
Pickens High	111 Blue Flame Drive	Pickens	34.888860	-82.702590
Pickens Middle School	467 Sparks Lane	Pickens	34.899360	-82.702730
Six Mile Elementary	777 North Main Street	Six Mile	34.823210	-82.810360

RICHLAND

Facility	Address	Municipality	Latitude	Longitude
AC Flora High School	1 Falcon Dr	Columbia	34.020589	-80.980513
Alcorn Middle School	5125 Fairfield Rd	Columbia	34.052556	-81.02814
Bethel-Hanberry Elem. School	125 Boney Rd	Blythewood	34.218426	-80.978985
Blythewood High School	10901 Wilson Blvd	Blythewood	34.208955	-80.978906
Blythewood Middle School	2351 Longtown Rd	Blythewood	34.194116	-80.93373
Bookman Road Elem.	1245 Bookman Rd	Columbia	34.154283	-80.848326
Brennen Elementary	4438 Deveraux Rd	Columbia	33.999946	-80.976526
Burton Pack Elementary	111 Garden Dr	Columbia	34.045261	-81.00794
CA Johnson High School	2219 Barnhamville Dr	Columbia	34.023378	-81.01928
Carver Lyon Elementary	2100 Waverly St	Columbia		
Caughman Rd Elementary	7725 Caughman Rd	Columbia	33.968543	-80.920554
Columbia High School	1701 Westchester Dr	Columbia	34.050806	-81.090318
Crayton Middle School	1611 Devonshire Dr	Columbia	34.014743	-81.007239
Dent Middle School	6950 N. Trenholm Rd	Columbia	34.062026	-80.956681
Dreher High School	701 Adger Rd	Columbia	33.997355	-80.992813
Eau Claire High School	4800 Monticello Rd	Columbia	34.047553	-81.043314
Dutch Fork High School	1400 Old Tamah Rd	Irmo	34.151149	-81.202802
Columbia Place Mall	7201 Two Notch Rd	Columbia	34.064487	-80.957555
Columbia Place Mall (2)	7201 Two Notch Rd	Columbia	34.064487	-80.957555
Dutch Square Plaza	421 Bush River Rd	Columbia	34.031093	-81.093866
Boozer Shopping Center	1572 Broad River Rd	Columbia	34.032267	-81.087117
Wal Mart	5420 Forest Dr	Columbia	34.023346	-80.952878
Wal Mart	7520 Garners Ferry Rd	Columbia	33.961767	-80.941106
Lowes	7420 Garners Ferry Rd	Columbia	33.968057	-80.945657
Lowes	7441 Two Notch Rd	Columbia	34.071331	-80.95018
Lowes	10103 Two Notch Rd	Columbia	34.114917	-80.888288
Home Depot	7701 Two Notch Rd	Columbia	34.077459	-80.943593
Shandon Baptist Church	5250 Forest Dr	Columbia	34.021617	-80.958202
Sandy Level Baptist Church	401 Blythewood Rd	Blythewood	34.213701	-80.988183
Food Lion	1013 Broad River Rd	Columbia	34.025758	-81.080814
Food Lion	11107 Broad River Rd	Ballentine	34.148915	-81.239915
Food Lion (vacant)	9000 Broad River Rd	Ballentine	34.109108	-81.191135
Lake Carolina Elementary	1151 Kelly Mill Rd	Columbia	34.189909	-80.889928
Lower Richland High School	2615 Lower Richland Blvd	Columbia	33.95144	-80.87344
Rice Creek Elementary	4751 Hardscrabble Rd	Columbia	34.113208	-80.947447
Richland NE High School	7500 Brookfield Rd	Columbia	34.056374	-80.940885
Ridgeview High School	4801 Hardscrabble Rd	Columbia	34.164299	-80.910994
Southeast Middle School	731 Horrell Hill Rd	Columbia	33.944479	-80.842112
Spring Valley High School	120 Sparkleberry Rd	Columbia	34.106905	-80.862255
Colonial Life Insurance	1200 Colonial Life Blvd	Columbia	34.02366	-81.0925658
St. Andrews Middle School	120 Bluefield Rd	Columbia	34.026537	-81.085974
Summit Parkway Middle School	200 Summit Parkway	Columbia	34.14239	-80.881352
Keenan High School	3455 Pine Belt Rd	Columbia	34.039725	-80.990053
Bi-Lo	2230 Decker Blvd	Columbia	34.052717	-80.946222
Decker Plaza	2230 Decker Blvd	Columbia	34.052717	-80.946222

Facility	Address	Municipality	Latitude	Longitude
Publix	7320 Broad River Rd	Columbia	34.095348	-81.158623
Piggly Wiggly	2000 Clemson Rd	Columbia	34.139924	-80.911722
Food Lion	2110 Clemson Rd	Columbia	34.139873	-80.912917
Village @ Sandhill Mall	901 Clemson Rd	Columbia	34.127038	-80.871063
Village @ Sandhill Mall	120 Forum Dr	Columbia	34.127038	-80.871063
Village @ Sandhill Mall	100 Fashion Dr	Columbia	34.127038	-80.871063
Food Lion	1001 Harden St	Columbia	34.003455	-81.018113
Columbia International Univ.	7401 Monticello Rd	Columbia	34.081052	-81.069016
Columbia College	1301 Columbia College Dr	Columbia	34.045953	-81.053413
Williams Brice Stadium	1100 George Rogers Blvd	Columbia	33.975155	-81.018713
Wal Mart	10060 Two Notch Rd	Columbia	34.113692	-80.891108
Piggly Wiggly	3818 Devine St	Columbia	33.996802	-80.987146
Piggly Wiggly	4033 W. Beltline Blvd	Columbia	34.03721	-81.008407
Piggly Wiggly	6325 N. Main St	Columbia	34.062459	-81.008569
Piggly Wiggly	4711 Forest Dr	Columbia	34.020082	-80.971171
Food Lion	2900 Leesburg Rd	Columbia	33.980654	-80.911511
Food Lion	5118 Fairfield Rd	Columbia	34.053273	-81.028433
Publix	4611 Hard Scrabble Rd	Columbia	34.153188	-80.912528
Food Lion	740 University Village Dr	Blythewood	34.215289	-80.985716
SC State Fairgrounds	1101 George Rogers Blvd	Columbia	33.977541	-81.018632
SC State Fairgrounds	1101 George Rogers Blvd	Columbia	33.979524	-81.022896
SC State Fairgrounds	1101 George Rogers Blvd	Columbia	33.975443	-81.019333
SC State Fairgrounds	1101 George Rogers Blvd	Columbia	33.976184	-81.023533

