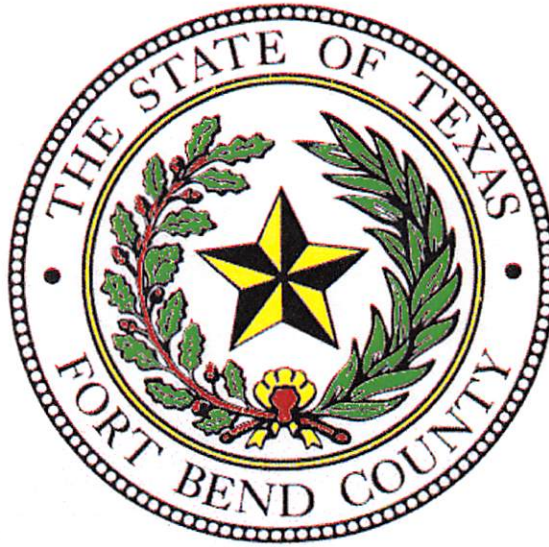


# **ANNEX M**



# **RESOURCE MANAGEMENT**

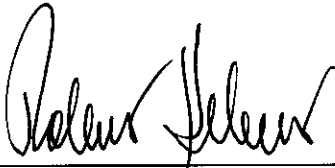
## **Fort Bend County**

# APPROVAL & IMPLEMENTATION

## Annex M

### RESOURCE MANAGEMENT

This annex is hereby accepted for implementation and supersedes all previous editions.

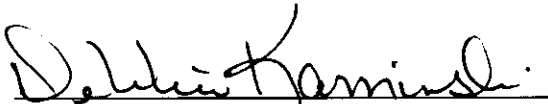


Robert E. Hebert  
County Judge  
Fort Bend County

7-18-2017

Date

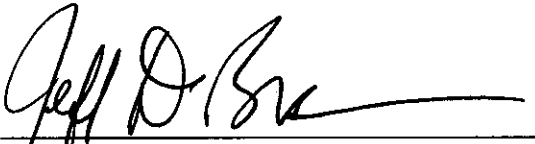
#### Reviewed by:



Debbie Kaminski  
Purchasing Agent  
Fort Bend County

7-6-17

Date



Jeff D. Braun  
Emergency Management Coordinator  
Fort Bend County

7-10-17

Date

## RECORD OF CHANGES

### Annex M

### Resource Management

Change #	Date of Change	Entered By	Date Entered
1	10-14-05	D. R. Jan (NIMS)	10-14-05
2	7-12-10	Bob Stone	7-12-10
3	10-4-10	Alan Spears	10-4-10
4	5-30-12	Bob Stone	5-30-12
5	6-28-12	Alan Spears	6-28-12
6	5-9-14	Bob Stone	5-9-14
7	2-22-17	Debbie Kaminski	2-22-17
8	4-28-17	Doug Barnes	4-28-17

## **ANNEX M**

### **RESOURCE MANAGEMENT**

#### **I. AUTHORITY**

See Basic Plan, Section I.

Fort Bend County Emergency Purchasing/Contracting Ordinance, Rules, or Procedures]

Fort Bend County Resource Inventory Rules or Procedures

#### **II. PURPOSE**

The purpose of this annex is to provide guidance and outline procedures for efficiently obtaining, managing, allocating, and monitoring the use of resources during emergency situations or when such situations appear imminent.

#### **III. EXPLANATION OF TERMS**

##### **A. Acronyms**

DDC	Disaster District Committee
EMC	Emergency Management Coordinator
EOC	Emergency Operations Center
FBC	Fort Bend County
IC	Incident Commander
ICP	Incident Command Post
ICS	Incident Command System
MACC	Multi Agency Coordination Center
NIMS	National Incident Management System
NRF	National Response Framework
SOPs	Standard Operating Procedures

##### **B. Definitions**

Multi-agency Coordination System. Used in support of incident management, this system combines facilities, equipment, personnel, procedures, and communications into a common framework. A multi-agency coordination center can be used to develop consensus on priorities, resource allocation, and response strategies. Representatives from within the local governments as well as external agencies and non-governmental entities may work together to coordinate a jurisdiction's response.

## **IV. SITUATION & ASSUMPTIONS**

### **A. Situation**

1. As noted in the general situation statement in section IV.A of the Fort Bend County Basic Plan, Fort Bend County and its Joint Resolution Jurisdiction's are at risk from a number of hazards that could threaten public health and safety and private and public property and require the commitment of local resources to contain, control, or resolve.
2. Resource management planning, during pre-disaster hazard mitigation activities, is designed to lessen the effects of known hazards. During pre-disaster preparedness activities, it is designed to enhance the local capability to respond to a disaster. Throughout an actual response to a disaster or during the post-disaster recovery process, resource management is essential to ensure smooth operations. Hence, we must have a resource management capability that is based on sound business practices that can function efficiently during emergency situations, and comply with the framework set forth by the National Incident Management System (NIMS) as well as including certain reporting and coordinating requirements contained in the National Response Framework(NRF).
3. Effective resource management is required in all types of emergency situations – from incidents handled by one or two emergency services working under the direction of an Incident Commander, to emergencies that require a response by multiple services and external assistance, to disasters that require extensive resource assistance from the state and/or federal government for recovery.
4. For some emergency situations, available local emergency resources will be insufficient for the tasks that may have to be performed. Hence, other local resources may have to be diverted from their day-to-day usage to emergency response. Additionally, we may have to request resources from other jurisdictions or the state and it may be necessary to rent or lease additional equipment and purchase supplies in an expedient manner.
5. In responding to major emergencies and disasters, the County Judge of Fort Bend County and/or the Mayors or City Managers of the Joint Resolution Jurisdiction's may issue a disaster declaration pursuant to Chapter 418 of the Government Code and the Executive Order of the Governor Relating to Emergency Management and invoke certain emergency powers to protect public health and safety and preserve property.
  - a. When a disaster declaration has been issued, the County Judge of Fort Bend County and/or the Mayors or City Managers of the Joint Resolution Jurisdiction's may use all available local government resources to respond to the disaster and temporarily suspend statutes and rules, including those relating to purchasing and contracting, if compliance would hinder or delay actions necessary to cope with the disaster. See Annex U, Legal, for additional information regarding the emergency powers of government. The Fort Bend County and/or Joint Resolution Jurisdiction attorneys should provide advice regarding the legality of any proposed suspension of statutes or rules. When normal purchasing and contracting rules are suspended, it is incumbent on the Fort Bend County and the Joint Resolution Jurisdiction's Finance Section Chief to formulate and advise government employees of the rules that are in effect for emergency purchasing and contracting.

- b. When a disaster declaration has been issued, the County Judge of Fort Bend County and/or the Mayors of the Joint Resolution's Jurisdiction may commandeer public or private property, if necessary, to cope with a disaster, subject to compensation. This procedure should be used as a last resort and only after obtaining the advice of the Fort Bend County and/or Joint Resolution Jurisdiction Attorneys.

## **B. Assumptions**

1. Much of the equipment and many of the supplies required for emergency operations will come from inventories on hand.
2. Additional supplies and equipment needed for emergency operations will generally be available from normal sources of supply. However, some of our established vendors may not be able to provide needed materials on an emergency basis or may become victims of the emergency situation. Hence, standby sources should be identified in advance and provisions should be made for arranging alternative sources of supply on an urgent need basis.
3. Some of the equipment and supplies needed during emergency operations are not used on a day-to-day basis or stockpiled locally and may have to be obtained through emergency purchases.
4. Inter-local agreements will be invoked and resources made available when requested.
5. Some businesses and individuals that are not normal suppliers will be willing to rent, lease, or sell needed equipment and supplies during emergency situations.
6. Some businesses may provide equipment, supplies, manpower, or services at no cost during emergency situations. Developing agreements between local government and the businesses in advance can make it easier to obtain such support during emergencies.
7. Some community groups and individuals may provide equipment, supplies, manpower, and services during emergency situations.
8. Volunteer groups active in disaster will provide such emergency services as shelter management and mass feeding when requested to do so by local officials.
9. Donated goods and services can be a valuable source of resources.
10. In the event that resources cannot be filled locally, a request will be sent to the Regional MACC.

<h2><b>V. CONCEPT OF OPERATIONS</b></h2>
--

## **A. Guidelines**

1. Resource management, in accordance with the NIMS, involves the application of tools, processes, and systems that allow for efficient and suitable resource allocations during an incident. Resources include personnel and facilities as well as equipment and supplies. In order to facilitate resource management, county coordination of activities will take place in the FBC EOC.
2. When necessary, a Regional Multiagency Coordination Center will be organized. Multiagency coordination is important for the establishment of priorities, allocating critical resources, developing strategies for response, information sharing, and facilitating communication.
3. As established in the NIMS, resource management is based on four guiding principles:
  - a. The establishment of a uniform method of identifying, acquiring, allocating, and tracking resources
  - b. The classification of kinds and types of resources required to support incident management
  - c. The use of a credentialing system linked to uniform training and certification standards
  - d. The incorporation of resources from non-traditional sources, such as the private sector and nongovernmental organizations.
4. It is the responsibility of local government to protect the lives and property of its Citizens and to relieve their suffering and hardship. Fort Bend County and its Joint Resolution Jurisdictions will commit its available resources to do so. In the event of resource shortfalls during emergency situations, the senior officials managing emergency operations are responsible for establishing priorities for the use of available resources and identifying the need for additional resources.
5. As a basis for employing our resources to their greatest capacity during emergency situations, we will develop and maintain a current inventory of our dedicated emergency resources and other resources that may be needed during emergency operations. All of our resources, pursuant to the NIMS, are classified by kinds and types. A list of the county's major resources is included in Appendix 1.
6. In the event that all local resources have been committed and are insufficient, assistance will be sought from surrounding jurisdictions with which inter-local agreements have been established. Effective cross-jurisdictional coordination using processes and systems described in the NIMS is absolutely critical in the establishment of such agreements. In the event resources cannot be filled locally, a request will be sent to the Regional MACC. Assistance will also be sought from volunteer groups and individuals. Where possible, we will execute agreements in advance with those groups and individuals for use of their resources.
7. Some of the resources needed for emergency operations may be available only from businesses. Hence, we have established or will establish emergency purchasing and contracting procedures.

8. Certain emergency supplies and equipment, such as drinking water and portable toilets, may be needed immediately in the aftermath of an emergency. The Logistics Section Chief/designee shall maintain a list of local and nearby suppliers for these essential needs items.
9. Although many non-emergency resources can be diverted to emergency use, certain personnel, equipment, and supplies may be required to continue essential community support functions, such a medical care and fire protection.
10. It is important to maintain detailed records of resources expended in support of emergency operations:
  - a. As a basis for future department/agency program and budget planning.
  - b. To document costs incurred that may be recoverable from the party responsible for an emergency incident, insurers, or from the state or federal government.

## **B. Management Operations**

1. The IC is responsible for managing emergency resources at the incident site and shall be assisted by a staff commensurate with the tasks to be performed and resources committed to the operation. The ICS structure includes a Logistics Section, which is responsible for obtaining and maintaining personnel, facilities, equipment, and supplies committed to the emergency operation. The IC will determine the need to establish a Logistics Section. This decision is usually based on the size and anticipated duration of the incident and the complexity of support.
2. If the EOC is activated, the Incident Commander shall continue to manage emergency resources committed at the incident site. The Logistics Section Chief/designee in the EOC shall monitor the state of all resources, manage uncommitted resources, and coordinate with the Incident Commander to determine requirements for additional resources at the incident site. Departments and agencies involved in emergency operations that require additional resources should use the Emergency Resource Request form in Appendix 3 or the ICS213RR TX form to communicate their requirements to the resource management staff.
3. If additional resources are required, the Logistics Section Chief/designee shall coordinate with the EMC/EOC Manager to:
  - a. Activate and direct deployment of additional local resources to the incident site.
  - b. Request mutual aid assistance.
  - c. Purchase, rent, or lease supplies and equipment.
  - d. Obtain donated resources from businesses, individuals, or volunteer groups.
  - e. Contract for necessary services to support emergency operations.
  - f. Commit such resources to the IC to manage.
4. If the resources above are inadequate or inappropriate for the tasks to be performed, the Logistics Section Chief/designee shall coordinate with the EMC to prepare a request for the Regional MACC with approval by the County Judge of Fort Bend County.

5. The Logistics Section Chief/designee should be among those initially notified of any large-scale emergency. When warning is available, key suppliers of emergency equipment and supplies should be notified that short notice orders may be forthcoming.

The Logistics Section Chief/designee shall follow the policies and procedures set out in Annex T of the Basic Plan regarding donations management.

### **C. Activities by Phases of Emergency Management**

#### **1. Mitigation**

- a. Review the local hazard analysis and, to the extent possible, determine the emergency resources needed to deal with anticipated hazards and identify shortfalls in personnel, equipment, and supplies.
- b. Enhance emergency capabilities by acquiring staff, equipment, and supplies to reduce shortfalls and executing inter-local agreements to obtain access to external resources during emergencies.

#### **2. Preparedness**

- a. Establish and train an emergency resource management staff. Staff members should be trained to perform resource management in an incident command operation or in the EOC.
- b. Maintain the resource inventory in Appendix 1 to this annex and on the status boards and the Resource Management computer in the EOC. This resource inventory should include resources not normally used in day-to-day incident response that may be needed during emergencies and disasters.
- c. Establish rules and regulations for obtaining resources during emergencies, including emergency purchasing and contracting procedures.
- d. Maintain the list of local and nearby suppliers of immediate needs resources; see Appendix 2.
- e. Ensure Fort Bend County and/or Joint Resolution Jurisdiction emergency call-out rosters include the Fort Bend County and/or Joint Resolution Jurisdiction Logistics Section Chief/designee, who should maintain current telephone numbers and addresses for sources of emergency resources.
- f. Ensure that after-hours contact numbers are obtained for those companies, individuals, and groups who supply equipment and supplies that may be needed during emergency operations and that those suppliers are prepared to respond to on short notice during other than normal business hours.

#### **3. Response**

- a. Advise the County Judge of Fort Bend County and/or the Mayors or City Managers of the Joint Resolution Jurisdiction's and emergency services staff on resource requirements and logistics related to response activities.
  - b. Coordinate and use all available resources during an emergency or disaster; request additional resources if local resources are insufficient or inappropriate.
  - c. For major emergencies and disaster, identify potential resource staging areas.
  - d. Coordinate emergency resource needs with local departments, nearby businesses, industry, volunteer groups, and, where appropriate, with state and federal resource suppliers.
  - e. Coordinate resources to support emergency responders and distribute aid to disaster victims.
  - f. Maintain records of equipment, supply, and personnel costs incurred during the emergency response.
4. Recovery
- a. In coordination with department/agency heads, determine loss or damage to equipment, supplies consumed, labor utilized, equipment rental or lease costs, and costs of contract services to develop estimates of expenses incurred in response and recovery operations.
  - b. In coordination with department/agency heads, determine repairs, extraordinary maintenance, and supply replenishment needed as a result of emergency operations and estimate costs of those efforts.
  - c. Maintain records of the personnel, equipment, supply, and contract costs incurred during the recovery effort as a basis for recovering expenses from the responsible party, insurers, or the state or federal government.

<b>VI. ORGANIZATION &amp; ASSIGNMENT OF RESPONSIBILITIES</b>
--

**A. General.**

- 1. The function of resource management during emergency situations shall be carried out in the framework of our normal emergency organization described in Section VI.A of the Basic Plan. Preplanning for resource management operations shall be conducted to ensure that staff and procedures needed to manage resources in an emergency situation are in place.
- 2. The Logistics Section Chief/designee will be responsible for planning, organizing, and carrying out resource management activities during emergencies. The Logistics Section Chief/designee will be assisted by a temporary staff derived from the appropriate departments in the county.

3. During an emergency or disaster, the Logistics Section Chief/designee will fulfill requests for additional personnel, equipment, and supplies received from emergency response elements, identify resources to satisfy such requirements, coordinate external resource assistance, and serve as the primary point of contact for external resources made available to the Fort Bend County Office of Emergency Management and to the Joint Resolution Jurisdictions.

## **B. Task Assignments**

1. The Fort Bend County Judge and/or the Mayors or their designees:
  - a. Will administer the rules and regulations regarding resource management during emergency situations established by the local governing body.
  - b. May provide general guidance on resource management and establish priorities for use of resources during emergency situations.
  - c. May issue a local disaster declaration, if the situation warrants, and use available public resources to respond to emergency situations. Furthermore, he or she may, under certain circumstances, commandeer private property, subject to compensation requirements, to respond to such situations. Issuance of a local disaster declaration is advisable if an emergency situation has resulted in substantial damage to private or public property and state or federal assistance will be needed to recover from the incident. See Annex J, Recovery, and Annex U, Legal, regarding disaster declarations.
  - d. The County Judge/designee may request assistance from the Regional MACC if local resources are insufficient to deal with the emergency situation. Cities must request assistance through their county.
2. The IC at the ICP will:
  - a. Manage resources committed to an incident site.
  - b. Monitor the status of available resources and request additional resources through the Logistics Section.
3. The Logistics Section Chief/designee will:
  - a. Advise elected officials and department heads regarding resource management needs. (Elected officials will determine the priorities of the resources)
  - b. Maintain the Fort Bend County Resource Inventory List.
  - c. Track the status of resources -- those committed, available, or out-of-service.
  - d. Maintain a list of suppliers for emergency resource needs (see Appendix 2). Identify sources for additional resources from public and private entities and coordinate the use of such resources.

- e. Determine the need for, identify, and operate facilities for resource staging and temporary storage of equipment and supplies, to include donated goods.
  - f. Monitor potential resource shortages and establish controls on use of critical supplies.
  - g. Organize and train staff to carry out the Logistics functions
4. The Logistics Section Chief/designee will:
- a. Determine the most appropriate means for satisfying resource requests.
  - b. Locate needed resources using resource and supplier lists and obtain needed goods and services.
  - c. Coordinate with the Donations Coordinator regarding the need for donated goods and services (see Annex T, Donations Management).
  - d. Coordinate resource transportation requirements with the Transportation Officer (See Annex S, Transportation).
  - e. Direct and supervise the activities of the Logistics Section.
  - f. Arrange delivery of resources, to include settling terms for transportation, specifying delivery location, and providing point of contact information to shippers.
  - g. Oversee physical distribution of resources, to include material handling.
  - h. Ensure temporary storage facilities or staging areas are arranged and activated as directed.
  - i. Track the location and status of resources.
  - j. Identify sources of supply for and obtain needed supplies, equipment, labor, and services.
  - k. Rent, lease, borrow, or obtain donations of resources not available through normal supply channels
5. The Fort Bend County and/or the Joint Resolution Jurisdiction Finance Section Chief shall:
- a. Oversee the financial aspects of meeting resource requests, including record keeping, budgeting for procurement and transportation, and facilitating cash donations to the jurisdiction (if necessary and as permitted by the laws of the jurisdiction).
  - b. Advise county and Joint Resolution Jurisdiction municipal officials and department heads on record keeping requirements and other documentation necessary for fiscal accountability.

6. The Fort Bend County and/or the Joint Resolution Jurisdiction's Attorneys shall:
  - a. Advise the resource management staff regarding procurement contracts and questions of administrative law.
  - b. Review and advise Fort Bend County and/or Joint Resolution Jurisdiction officials on possible liabilities arising from resource management operations during emergencies.
  - c. Monitor reports of overcharging/price gouging for emergency supplies and equipment and repair materials and refer such reports to the Office of the Attorney General.

<b>VII. DIRECTION &amp; CONTROL</b>
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**A. General.**

1. The County Judge of Fort Bend County and/or the Mayors or City Managers of the Joint Resolution Jurisdiction's shall provide general guidance on the management of resources during emergencies and shall be responsible for approving any request for state or federal resources.
2. The Logistics Section Chief/designee may provide advice regarding resource management to the County Judge of Fort Bend County and/or the Mayors or City Managers of members of the Joint Resolution Jurisdiction, Commissioner's Court/City Council, the IC, the EMC, and other officials during emergencies.
3. The IC at the ICP will manage personnel, equipment, and supply resources committed to an incident, establishing a Logistics Section if necessary. If the EOC has not been activated, the IC may request additional resources from local departments and agencies and may request those local officials authorized to activate inter-local agreements or emergency response contracts to do so to obtain additional resources.
4. When the EOC is activated, the Logistics Section Chief/designee will manage overall resource management activities from the EOC. The IC shall manage resources committed to the incident site and coordinate through the Logistics Section Chief/designee to obtain additional resources. The Logistics Section Chief/designee shall manage resources not committed to the incident site and coordinate the provision of additional resources from external sources.
5. The Logistics Section Chief/designee will identify public and private sources from which resources needed can be obtained during an emergency situation and originate emergency procurements or take action to obtain such resources by lease, rental, borrowing, donation, or other means.
6. The Logistics Section Chief/designee will direct the activities of those individuals assigned resource management duties in the EOC during emergency operations. Normal supervisors will exercise their usual supervisory responsibilities over such personnel.

**B. Line of Succession.** The line of succession for the Resource Manager is:

1. Fort Bend County Purchasing Agent
2. Assistant Purchasing Agent
3. Buyer III

<b>VIII. READINESS LEVELS</b>
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**A. Readiness Level 4 – Normal Conditions**

See the mitigation and preparedness activities in paragraphs V.C.1 and V.C.2 above.

**B. Readiness Level 3 - Increased Readiness**

1. Review the potential emergency situation, determine resource management staff availability, and review emergency tasks assigned in the emergency management plan and this annex.
2. Designate resource management personnel on call for emergency duty.
3. Update local resource inventory.

**C. Readiness Level 2 – High Readiness**

1. The Logistics Section Chief/designee will review resource request procedures and any known resources limitations pertinent to the potential hazard facing the local area with county and/or city officials and the EOC staff.
2. The Logistics Section Chief/designee will brief assigned staff on the potential emergency situation and plans to deal with it should it occur and ensure that on-call staff members are available by telephone and ready to report to duty if called.
3. In coordination with the EMC and department heads, determine potential resource needs based on the potential threat.
4. Contact suppliers to advise them of threat and possible needs.
5. Consider relocation or other means of protecting resources at risk.

**D. Readiness Level 1 – Maximum Readiness**

1. Designated resource management personnel will proceed to the ICP or to the EOC if requested.
2. Implement protective actions for resources.

## **IX. ADMINISTRATION & SUPPORT**

- A. Maintenance of Records.** All records generated during an emergency will be collected and maintained in an orderly manner so a record of actions taken is preserved for use in determining response costs, settling claims, and updating emergency plans and procedures.
- B. Preservation of Records.** Vital resource management records should be protected from the effects of disaster to the maximum extent feasible. Should records be damaged during an emergency situation, professional assistance in preserving and restoring those records should be obtained as soon as possible.
- C. Training.** Individuals who will be performing resource management duties in the EOC or at the incident command post shall receive training on their required duties and the operating procedures for those facilities.
- D. Resource Data**
  - 1. The Logistics Section Chief/designee shall keep current the list of available emergency or the computerized resource database maintained in the EOC.
  - 2. The Logistics Section Chief/designee shall keep current information on the sources of essential disaster supplies and the computerized supplier list maintained in the EOC.
- E. Support.** The Logistics Section Chief/designee is responsible for coordinating standby agreements for emergency use of resources with businesses, industry, individuals, and volunteer groups. The Fort Bend County Attorney, and attorneys for those communities who are a part of the Joint Resolution Jurisdiction, shall be consulted regarding such agreements and approve them.

## **X. ANNEX DEVELOPMENT & MAINTENANCE**

- A.** The Fort Bend County Purchasing Officer and/or Joint Resolution Jurisdiction Purchasing Officers or other officials with similar knowledge, who serves as the Logistics Section Chief/designees, are responsible for developing and maintaining this annex.
- B.** This annex will be reviewed annually and updated in accordance with the schedule outlined in Section X of the Basic Plan.

<b>XI. REFERENCES</b>
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**A.** Texas Local Government Code, Chapter 203 (Management and Preservation of Records).

**APPENDICES**

Appendix 1 .....	Resource Inventory
Appendix 2 .....	Essential Disaster Supplies
Appendix 3.....	Requesting External Resources

<b>RESOURCE INVENTORY</b>
---------------------------

A computerized Resource inventory is maintained on the OEM server that is backed-up every evening by the Fort Bend County IT Department. The inventory is updated throughout the year as new or updated information becomes available

**RADIOLOGICAL PROTECTION**

<b>RADIOLOGICAL INSTRUMENT INVENTORY</b>
--

<b>Type of Instrument</b>	<b>Number in Stock</b>	<b>Location</b>	<b>City</b>	<b>Owner (Local/State)</b>
<b>Ludlum Detectors</b>	<b>4</b>	<b>Hazmat 5</b>	<b>Richmond</b>	<b>Fort Bend County</b>
<b>Canberra Gamma Detectors</b>	<b>15</b>	<b>Hazmat 5</b>	<b>Richmond</b>	<b>Fort Bend County</b>
<b>Drager Defense Kit</b>	<b>1</b>	<b>Hazmat 5</b>	<b>Richmond</b>	<b>Fort Bend County</b>

**WARNING**

The primary warning sirens, in Fort Bend County, are those mounted on Fire Department, Law Enforcement and Emergency Medical Service vehicles.

# **FORT BEND COUNTY FIRE MARSHAL'S FIRE DEPARTMENT EQUIPMENT INVENTORY**

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
BEASLEY	E-9	PUMPER/ TANKER	1500	1000	5"	STOR Z	1000'	EXTENSION	24'	HYDRO CARBON	5	800
					3"	SCREW	300	ATTIC	10'	CLASS A	10	
								ROOF	14'			
BEASLEY	E-11	PUMPER	1500	750	5"	STOR Z	1000'	EXTENSION	24'	CLASS A	20	800
					3"	SCREW	700	ATTIC	10'	HYDRO CARBON	5	
								ROOF	14'			
BEASLEY	B-10	BRUSH	200	400	3"	SCREW	25			CLASS A	20	800
BEASLEY	B-8	BRUSH	200	400	3"	SCREW	25			CLASS A	5	800
BEASLEY		FOAM TRAILER			3	SCREW	200'			CLASS B	300	
BEASLEY	R-7	SPECIAL										800
COMMUNITY	E-91	PUMPER	2000	750	1 ¾	SCREW	800	FOLD	10	A	50	800
					2 ½	SCREW	600	ROOF	14			
					4	SCREW	400	EXT	24			
					5	STOR Z	1000					
COMMUNITY	E-92	PUMPER	1500	750	1 ¾	SCREW	800	FOLD	10	A	50	800
					2 ½	SCREW	600	ROOF	14			
					4	SCREW	400	EXT	24			
					5	STOR Z	1000					
COMMUNITY	E-93	PUMPER	2000	750	1 ¾	SCREW	800	FOLD	10	A	50	800
					2 ½	SCREW	600	ROOF	14			
					4	SCREW	400	EXT	24			
					5	STOR Z	1000					
COMMUNITY	L-91	PUMPER/LADDER 100' AERIAL	2000	500	1 ¾	SCREW	800	FOLD	10	A	50	800
					2 ½	SCREW	600	ROOF	16/20			
					4	SCREW	400	EXT	24/2-35			
					5	STOR Z	500	Aerial	100'			

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
COMMUNITY	T-92 T-93	PUMPER/TOWER 100' PLATFORM	2000	400	1 ¾	SCREW	900	PLATFORM	100'	A	50	800
					2 ½	SCREW	600	FOLD	10/12			
					4	SCREW	400	ROOF	16/20			
					5	STORZ	500	EXT	28/2-35			
COMMUNITY	R-91	RESCUE/MINI-PUMPER	250	250	1 ¾	SCREW	150					
					2 ½	SCREW	100					
COMMUNITY	B-93	BRUSH	50	250	¾	BOOSTER	200					
COMMUNITY	B-91	BRUSH	200	380	¾	Booster	200					800
	B-92	BRUSH	200	380	1	Screw forestry	400			A	10	
COMMUNITY	XB-1	BRUSH	50	250	¾	BOOSTER	200					
COMMUNITY	XE-2	PUMPER	1500	750	1 ¾	SCREW	800	FOLD	10	A	50	800
					2 ½	SCREW	600	ROOF	14			
					4	SCREW	400	EXT	24			
					5	STORZ	1000					
COMMUNITY	XE-3	PUMPER	1500	750	1 ¾	SCREW	800	FOLD	10	B	700	800
					2 ½	SCREW	600	ROOF	14	Emuls	40	
					4	SCREW	400	EXT	24			
					5	STORZ	1000					
COMMUNITY	F-94	Pumper	2000	500	1 ¾	Screw	800	Fold	10	Class B	700	800
					2 ½	Screw	1800	Roof	14			
					4	Screw	200	Ext	24			
					5	Storz	1000					
COMMUNITY	U-91	UTILITY TRUCK										800
COMMUNITY	9100	COMMAND/REHAB										800
EAST BERNARD	1330	PUMPER	1250	1000	5"	STORZ	1000'	EXTENSION	24'	AFFF	10	800
EAST BERNARD	1330	PUMPER			3"	NST	400'	ROOF	14'	A	20	VHF
EAST BERNARD	1330	PUMPER						SCUTTLE	10'			800
EAST BERNARD	1370	BRUSH TRUCK	200	325								800
EAST BERNARD	1371	BRUSH TRUCK	200	230								VHF/800
EAST BERNARD	1350	RESCUE										VHF/800
EAST BERNARD	1360	TANKER/ PUMPER	1500	3500	5	STORZ	600'/200'	EXTENSION	24	AFFF	0	VHF/800
					3	NST		ROOF SCUTTLE	14 10	A 50		
ESD 48	E-1	PUMPER CLASS A	1500	750	5"	STORZ	1000'	ALU	24',16'	CLASS A	OCT-	800/460

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
						Z			12'	& B	50	
ESD 48	E-2	PUMPER CLASS A	1500	750	5"	STOR Z	1000'	ALU	24', 16', 12'	CLASS A&B	OCT 50	800/460
ESD 48	E-3	PUMPER CLASS A	1500	750	5"	STOR Z	1000'	ALU	24', 16', 12'	CLASS A&B	OCT 40	800/460
ESD 48	E-4	PUMPER CLASS A	1500	750	5"	STOR Z	1000'	ALU	24', 16', 12'	CLASS A&B	OCT 40	800/460
ESD 48	E-5	PUMPER CLASS A	1500	750	5"	STOR Z	1000'	ALU	24', 16', 12'	CLASS A&B	OCT 30	800/460
ESD 48	E-6	PUMPER CLASS A	1500	750	5"	STOR Z	1000'	ALU	24', 16', 12'	CLASS A	OCT 40	800/460
ESD 48	T-4	PLATFORM 100' ARIEL	2000	300	5"	STOR Z	600'	ALU	35,28, 16,14, 10		OCT 40	800/460
ESD 48	R-5	RESCUE TRUCK										800/460
ESD 48	L-3	BOOSTER	2000	500	5"	STOR Z	600'	ALU	35,28, 16,14, 10	CLASS A	5	800/460
ESD 48	B-2	BOOSTER	150	225		THRE AD	70'			CLASS A	5	800/460
ESD 48	B-5	REHAB TRUCK	150	400		THRE AD	70'					800/460
ESD 48	REHA B 2	CHIEF COMMAND										800/460
ESD 48	100	ASSIST CHIEF COMMAND										800/460
ESD 48	101	ASSIST CHIEF COMMAND										800/460
ESD 48	102	ASSIST CHIEF COMMAND										800/460
ESD 48	104	ASSIST CHIEF EMS COMMAND										800/460
ESD 48	D-1	DC COMMAND										800/460
ESD 48	HWV-1	HIGH WATER										800
ESD 48	BATT - 9	BC COMMAND										800/460
ESD 48	RES 3	4 WHEEL										800/460
ESD 48	S 4	EMS SUPERVISOR										800/460
ESD 48	M 109	MAINT OFFICER										800
FAIRCHILDS	E-1	PUMPER	1250	1000	3" 1 3/4	Both	1000	EXT/ROOF	24/12	A/AFFF	40	800
FAIRCHILDS	Tanker 3	TANKER	750	3000	2 1/2" & 1 1/2"	Both	450'		A		20	800
FAIRCHILDS	E-1	PUMPER/TANKER	1000	1000	2 1/2" & 1 3/4"	Both	1000	Ext/Roof	36/12	A/AFFF	40	800
FAIRCHILDS	B-4	BRUSH	350	200	1 1/2" & 1"	Screw	100/200'		A		15	800
FAIRCHILDS	B-2	BRUSH	350	230	1 1/2-1"	Screw	100 200			A	20	
FAIRCHILDS	R-1	RESCUE								A/AFFF	40	800
FRESNO	E-51	PUMPER	1250	1000	5"	STOR Z	1000	FLY	24'	A/B	10	800
FRESNO	E-52	PUMPER	1250	1000	5"	STOR Z	1000	FLY	24'	A/B	10	800
FRESNO	E-53	PUMPER TENDER	1500	2000	5"	STOR Z	1000	FLY	24'	A/B	20	800
FRESNO	B-53	ATTACK/ GRASS/EMS	300	250	2 1/2"	SCREW	500			A	10	800
FRESNO	B-55	BRUSH/GRASS/EMS	250	300	2 1/2"	SCREW	50			A	10	800
FRESNO	Q-51	LADDER	1500	700	5"	STOR Z	1000	FLY	55'	A	10	800

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
FRESNO	BC51	COMMAND										800
FULSHEAR	E-1	CAFS PUMPER	1500	750	5"	STORZ	1000'	EXT/ROOF	24'/12'	CLASS A	25	800
FULSHEAR	RE-11	PUMPER	1500	750	5"	STORZ	1000'	EXT/ROOF	24'/12'	CLASS A	8	800
FULSHEAR	RE-12	PUMPER	1500	750	5"	STORZ	1000'	EXT/ROOF	24'/12'	CLASS A	15	800
FULSHEAR	E-3	CAFS PUMPER	1500	750	5"	STORZ	1000'	EXT/ROOF	24'/12'	CLASS A	25	800
FULSHEAR	E-4	PUMPER	1500	750	5"	STORZ	1000'	EXT/ROOF	24'/12'	CLASS A	25	800
FULSHEAR	LT-1	100' LADDER-TOWER	2000	300	5"	STORZ	500'	EXT/ROOF	35'/28'/14'/16'/20'			800
FULSHEAR	T-1	TANKER	1000	3500	100' OF 6"	SCREW		NONE				800
FULSHEAR	T-2	TANKER/PUMPER	1000	2000				EXT/ROOF	24'/16'			800
FULSHEAR	T-3	TANKER	1000	3500	100' OF 6"	SCREW		NONE				800
FULSHEAR	B-1	BRUSH TRUCK	AUX PUMP	300								800
FULSHEAR	B-3	BRUSH TRUCK	AUX PUMP	300								800
FULSHEAR	R-1	RESCUE	250	250				EXT	16'			800
FULSHEAR	C-1	COMMAND										800
KATY	E-1	PUMPER	2000	750	5"	STORZ	2000'	EXT	35'	B	45	151-115 800
KATY	E-2	PUMPER	1250	1000	5"	STORZ	1600'	EXT	24'	B	10	151-115 800
KATY	E-3	PUMPER	2000	750	5"	Storz	2000'	EXT	24'	B	25	151-115 800
KATY	R-1	HEAVY RESCUE-JAWS										151-115 800
KATY		AIRBAGS, CASCADE, LIGHTS										
KATY	T-1	LIGHTS, LADDERS, HYDRAULIC TOOLS, ETC	2000	180	5"	STORZ	300'	VARIOUS				151-115 800,400
KATY	B-1	BRUSH TRUCK	250	250	1"	BOOSTER	100'					151-115 800
KATY	B-2	BRUSH TRUCK	250	250	1"	BOOSTER	150'			b / EMULSIFIER	10 /10	151-115 800
KATY	F-1	FOAM TRAILER	1000		5'	STORZ				B/AR	530	
KATY	BB-1	COOL BLOX-FANW/WATER MIST										
KATY	C-1	COMMAND ONE										151-115 800
KATY	C-2	COMMAND TWO										151-115 800,400
KATY	C-3	COMMAND THREE										151-115 800,400
KATY	C-4	COMMAND FOUR										151-115 800,400
KATY	A-1	ALS MICU CAPABLE										151-115 800
KATY	A-2	ALS MICU CAPABLE										151-115 800
KATY	A-3	ALS MICU CAPABLE										151-115 800
KATY	A-4	ALS MICU CAPABLE										151-115 800

Appendix 1 to Annex M

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
KATY	BC-1	BATTALION CHIEF 1										151-115 800
MISSOURI CITY	L-31	LADDER	2000	500	3"	SCREW	600'	AERIAL	105'	A	30	800
					5"	STOR TZ	1000'					
MISSOURI CITY	L-32	LADDER	2000	500	3"	SCREW	600'	AERIAL	105'	A	30	800
					5"	STOR TZ	1000'					
MISSOURI CITY	L-39	LADDER - RESERVE	2000	500	3"	SCREW	600'	AERIAL	85'	A	20	800
					5"	STOR TZ	1000'					
MISSOURI CITY	E-33	PUMPER	2000	750	3"	SCREW	600'	EXTENSION	24'	A	50	800
					5"	STOR TZ	1000'					
MISSOURI CITY	E 34	PUMPER	2000	1000	3"	SCREW	600'	EXTENSION	24'	A	50	800
					5"	STOR TZ	1000'					
MISSOURI CITY	E 37	PUMPER - RESERVE	1500	750	3"	SCREW	600'	EXTENSION	24'	A	30	800
					5"	STOR TZ	1000'					
MISSOURI CITY	E 38	PUMPER - RESERVE	2000	1000	3"	SCREW	600'	EXTENSION	24'	A	50	800
					5"	STOR TZ	1000'					
MISSOURI CITY	E 35	PUMPER	1750	750	3"	SCREW	600'	EXTENSION	24'	A	50	800
					5"	STOR TZ	1000'					
MISSOURI CITY	BOOSTER	BOOSTER	250	300						A	20	800
MISSOURI CITY	B 31	COMMAND VEHICLE										800
MISSOURI CITY	BOAT 31	RESCUE BOAT										
MISSOURI CITY	U 31	CREW CAB PICKUP										800
MISSOURI CITY		TRT STRUT TRAILER										
MISSOURI CITY		TRT SHORING TRAILER										
MISSOURI CITY	SQ32	PRIME MOVER										800
MISSOURI CITY	SQ31	MEDICAL RESPONSE										800
MISSOURI CITY	GATOR 31	JOHN DEERE UTV W/SKID	125	70								
NEEDVILLE	R-2	RESCUE						EXT	24'			HIGH BAND 154.175
NEEDVILLE	R-2	RESCUE						ATTIC	10'			800
NEEDVILLE	E-7	PUMPER	1500	1250	5"	STOR Z	1200	EXT	24'	AFFF	15	HIGH BAND/800
NEEDVILLE	E-7	PUMPER			3"	SCREW	1000	ATTIC	10'			

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
						W						
NEEDVILLE	E-7	PUMPER						ROOF	14'			
NEEDVILLE	E-6	PUMPER	1250	1800	3"	SCREW	1200	EXT	24'	AFFFA	3010	HIGH BAND/800
NEEDVILLE	E-6	PUMPER						ROOF	14'			
NEEDVILLE	T-5	TANKER	250	1550	3"	SCREW	300			A	10	HIGH BAND/800
NEEDVILLE	B-3	BOOSTER	250	300						A	5	HIGH BAND/800
NEEDVILLE	T4	TANKER	500	2000								
NEEDVILLE	E2		1500	800	5	STORZ	800	EXT, ROOF, ATTIC	14/14/10	AFFFA		800
NEEDVILLE	B8		250	250	3	SCREW	800			A	5	800
NEEDVILLE	B10		250	300						A	5	800
NEEDVILLE	C71	CASCADE										800
NORTH EAST	8	RESCUE	750	300	2.5	NST	300'					800
NORTH EAST	10	PUMPER	1250	1000	4"	HOUSTON	1000'	LADDER	24/12/10	A&B	10	800
NORTH EAST	11	PUMPER	1500	750	4"	HOUSTON	1000	EXTENSION	24/12/10	A&B	10	800
NORTH EAST	12	PUMPER	1500	1000	5"	STORZ	1000'	ATTIC/ROOF	24/12/10	A&B	10	800
NORTH EAST	15	SQUAD	NONE									800
NORTH EAST	16	SQUAD										800
NORTH EAST	20	TANKER	500	2250	300' 1 1/2"		ATTIC/	LADDER		A&B	10	800
NORTH EAST	31	BOOSTER	250	300	2.5" NST					A	20	800
NORTH EAST	1	COMMAND										800
ORCHARD	R-1	RESCUE										800/VHF
ORCHARD	E-2	ENGINE	1250	500	3"	BOTH	1200'			AFFFA / MICROBLAZE	10GAL / 5 GAL	800
ORCHARD	B-1	BOOSTER	33@450 PSI	230	1"		25/100					800
ORCHARD	T-1	TANKER	350	2000	3"/ 5 CAPABLE		100'					800/VHF
ORCHARD	E-1	ENGINE	1250	1000	5"/ 2 1/2"	BOTH	1250/500			AFFFA	10	800/VHF
PECAN GROVE	E-61	RESCUE PUMPER	1250	1000	5"	STORZ	1000'	EXT	24'	A&B	10	VHF-HIGH/800 FBC
PECAN GROVE	T-62	TANKER/ PUMPER	750	1200	5"	STORZ	1000'	EXT	35'	AFFFA 3/6	30	VHF-HIGH/800 FBC
PECAN GROVE	B-61	BOOSTER TRUCK	90	275						B	10	VHF-HIGH
PECAN GROVE	C-6	COMMAND CAR										VHF-HIGH/800 FBC
PECAN GROVE	E-62	PUMPER TANKER	1250	1300	5"	Storz	1000	EXT	24'	A&B	10	VHF-HIGH/800 FBC
PECAN GROVE	SQ-61	CHEVY PU										
PECAN GROVE	C-60	COMMAND CAR										

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
PLEAK	E-1	PUMPER	1250	1000	2.5 3 5	Screw Screw storz	200' 300 1000	Roof Attic ext	14' 10' 24'	B A	20 5	800
PLEAK	R-3	RESCUE										800
PLEAK	B-4	BRUSH	250	300	3"	SCREW	250'			A	10	800
PLEAK	T-2	TANKER	1250	2000	3" 5"	SCREW STORZ	300' 500'	ROOF ATTIC EXTENSION	14', 10', 24'	A	5	800
RICHMOND	ENG-48	PUMPER	1250	750	5"	STORZ	1000'	EXT	24'	AFFF 3/6	50	800
RICHMOND	ENG-41	PUMPER	1500	750	5"	STORZ	1000'	EXT	24'	AFFF 3/6	20	800
RICHMOND	ENG-42	PUMPER	1250	750	5"	STORZ	1000'	EXT	24'	AFFF 3/6	20	800
RICHMOND	ENG-43	PUMPER	1250	750	5"	STORZ	1000'	EXT	24'	AFFF 3/6	50	800
RICHMOND	TOWER-43	AERIAL PLATFORM	2000	150	5"	STORZ	800'		100'	NONE	NONE	800
RICHMOND	TANKER-41	TANKER	250	1000	2.5"	SCREW	600'	EXT	35'	AFFF 3/6	25	800
RICHMOND	RESCUE 41	RESCUE										800
RICHMOND	SQUAD 41	TAHOE										800
RICHMOND	SQUAD 43	RESCUE 4X4 PRIME MOVER										800/LOW & HIGH BAND
RICHMOND	Utility 41	2DR ½ TON PICKUP										800
RICHMOND	Booster 43	4DR 1 TON BRUSH TRUCK	250	300								800
RICHMOND	Bat 41	COMMAND VEHICLE										800
RICHMOND		HAZ MAT TRAILER AND EQUIPMENT										
RICHMOND	FOAM 41	FOAM TRAILER		500						AR-AFFF 1%-3%		
RICHMOND	BOAT 41											
RICHMOND	BOAT 43											
RICHMOND		STRUCTURAL COLLAPSE TRAILER AND EQUIPMENT										
ROSENBERG	E-1	PUMPER 2008 CAFS	1250	750	5"/ 2 ½"	SZ/SC	1000/ 600	EXTENSION	24'	A B	20 40	
ROSENBERG	L-2	2012 LADDER CAFS	1500	500	5"/ 2 ½"	SZ/SC	700/ 600	HAL	75'	A/B	30/20	
ROSENBERG	E-3	2013 PUMPER CAFS	1500	750	5"/ 2 ½"	SZ/SC	1000/ 600		24'	A B	30 20	
ROSENBERG	E-4	TANKER/ PUMPER 2001	1250	1500	5"/ 2 ½"	SZ/SC	600/ 600	EXTENSION	24'	A B	5 5	
ROSENBERG	RESEVE	PUMPER 1999	1250	1000	5/2 1/2	SZ/SC	1000/ 600	EXTENSION	24'	A/B	5/5	
ROSENBERG	B-2	GRASS TRUCK 2002	250	300						A	10	
ROSENBERG	S-1	2008 SQUAD MED/RIT								A & B	varies	
ROSENBERG	S-2	2009 SQUAD PRIME MOVER										
ROSENBERG		HAZ MAT TRAILER AND EQUIPMENT										
ROSENBERG		STRUCTURAL COLLAPSE										

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
		TRAILER AND EQUIPMENT										
ROSENBERG		40HP 16FTX5FT FLAT BOTTOM BOAT										
STAFFORD	ENG-21	CLASS A PUMPER	2000	750	5"	STOR Z	1200'	GROUND LADDER		A	40	800 MHZ.
	Eng 22	CLASS A PUMPER	2000	750	5"	Storz	1200	Ground Ladder		A	40	800
STAFFORD	ENG-23	CLASS A PUMPER	2000	750	5"	STOR Z	1200'	GROUND LADDER		A/CAFS	20	800
STAFFORD	QNT-21	QUINT	2000	500	5"	STOR Z	1000'	AERIAL	50'	A/CAFS	20	800
STAFFORD	TW-22	LADDER TOWER QUINT	2000	300	5"	STOR Z	1000'	TOWER LADDER	95'			800
STAFFORD	RES-23	TECHNICAL RESCUE										800
STAFFORD	EMS 21	EMS FIRST RESPONDER										800
STAFFORD	EMS 22	EMS FIRST RESPONDER										800
STAFFORD	BSTR-22	GRASS/BRUSH UNIT	250	290	2 1/2"	HST	100'			A	10	800
STAFFORD	SQ-23	SPECIAL OPERATIONS PRIME MOVER										800
STAFFORD	TKR-22	WATER TANKER	1000	3000	3"	HST	500					
STAFFORD	FT-22	FOAM TRAILER								B	500	
SUGAR LAND	ENGIN E - 1	PUMPER	2000	750	5"	STOR TZ	1000'	EXT	35'	B	40	800 SMART-ZONE
					2.5"	NST	600'	ROOF	14'			
SUGAR LAND	ENGIN E - 3	PUMPER	1500	750	5"	STOR TZ	1000'	EXT	24'			800 SMART-ZONE
					2.5"	NST	600'	ROOF	14'			
SUGAR LAND	ENGIN E - 5	PUMPER	1500	750	5"	STOR TZ	1000'	EXT	24'			800 SMART-ZONE
					2.5"	NST	600'	ROOF	14'			
SUGAR LAND	ENGIN E - 6	PUMPER	1500	750	5"	STOR TZ	1000'	EXT	35'			800 SMART-ZONE
					2.5"	NST	600'	ROOF	14'			
SUGAR LAND	Engine -7	PUMPER	2000	750	5"	STOR TZ	1000'	EXT	24'			800 SMART-ZONE
					2.5"	NST	600'	ROOF	14'			
SUGAR LAND	RE-2	PUMPER	1500	750	5"	STOR TZ	1000'	EXT	24'			800 SMART-ZONE
SUGAR LAND	RE-1	PUMPER			2.5"	NST	600	ROOF	14			
			1500	750	5"	Storz	1000	Ext	35	B 75		
SUGAR LAND	LADDER- 2	AERIAL 75 750# TIP LOAD	2000	500	5"	STOR TZ	800'	EXT	35' & 24' 14&20			800 SMART-ZONE
					2.5"	NST	600	Roof				
SUGAR LAND	LADDER- 4	AERIAL 105	2000	500	5"	STOR TZ	1000'	EXT	35' & 24'			800 SMART-ZONE
		750# TIP LOAD			2.5"	NST	600'	ROOF	16' &			800

FIRE DEPARTMENT	UNIT #	EQUIPMENT TYPE	GPM	GAL TANK	SUPPLY HOSE CARRIED			LADDERS		FOAM		RADIO
					SIZE	COUPLING TYPE	TOTAL CAP FT	TYPE	SIZE	TYPE	QTY GAL	
SUGAR LAND	Ladder 4	AERIAL 103' 1500# TIP LOAD	2000	500	5" 2.5"	Storz NST	600 600	Ext Roof	14' 35&28 14&20			SMART-ZONE
THOMPSONS	4	FORD	250	1000	2 1/2 & 1 1/2	SCREW	800	EXT	14'			154205
THOMPSONS	3	INTERNATIONAL	250	1000	2 1/2 & 1 1/2	SCREW	1100	EXT	14'			154205
THOMPSONS	2	DODGE	250	217	1" RED LINE							154205
THOMPSONS	1	FORD P/U										154205
WILLOWFORK	E-84	PUMPER	1500	1000	5"		900		24/14	AFFF	30	453.100
WILLOWFORK	E-83	PUMPER	1500	800	5"		1000		14/24	AFFF	30	
WILLOWFORK	T-82	TANKER	1000	2000	5"		400		14/24			
WILLOWFORK	T-81	TOWER	2000	300	5"		1000		100	CLASS A	30	
WILLOWFORK	B-81	BOOSTER	250	200						CLASS A	10	
WILLOWFORK	BC-80	BATTALION CHIEF										
WILLOWFORK	E-82	PUMPER	1500	750	5"		1000		24/14	CAFS	40A 30B	
WILLOWFORK	E-81	PUMPER	1500	750	5"		1000		24/14	CAFS	40A 30B	

**LAW ENFORCEMENT**

	<b>Mobile Radios</b>	<b>Portable Radios</b>	<b>MDCs</b>	<b># of Sworn Officers</b>	<b># of vehicles</b>	<b>Mobile Command Vehicles</b>
<b>FBC Sheriff Office</b>	322	579	295	500	304	1
<b>FBC Constable Pct. 1</b>	32	26	22	25	27	0
<b>FBC Constable Pct. 2</b>	31	37	19	47	17	0
<b>FBC Constable Pct. 3</b>	31	37	34	40	28	0
<b>FBC Constable Pct. 4</b>	37	38	30	43	25	0
<b>Fulshear PD</b>	13	31	10	20	12	0
<b>Katy PD</b>	40	54	23	47	18	0
<b>Meadows Place PD</b>	15	26	6	17	6	0
<b>Missouri City PD</b>	152	278	54	99	50	0
<b>Needville PD</b>	12	9	7	6	6	0
<b>Richmond PD</b>	27	39	26	30	26	0
<b>Rosenberg PD</b>	52	91	31	72	47	0
<b>Stafford PD</b>	30	46	20	50	38	0
<b>Sugar Land PD</b>	162	267	55	151	99	1
<b>Thompsons PD</b>	1	1	1	1	2	0

**H. HEALTH & MEDICAL**

<b>Resource</b>	<b>Owner Source</b>	<b>Qty</b>	<b>Remarks</b>
Ambulance, BLS. 2 EMTs	Fort Bend County EMS	1	
Ambulance, ALS. 2 paramedics	Fort Bend County EMS	13	
Mass Casualty Trailers	Fort Bend County EMS	2	
AmbuBus Conversion Kit	Fort Bend County HHS	1	

**Fort Bend County Road and Bridge - Resources**

	<b>Crabb</b>	<b>Needville</b>	<b>Dairy Ashford</b>	<b>Beechnut</b>
Tahoes	2	0	0	0
Pick-up Trucks	10	10	10	17
Small Dump Trucks	2	1	0	1
Large Dump Trucks	10	12	5	9
Gradalls	2	2	1	2
Haul Trucks	1	1	2	1
Lift-Arm Trucks	1	1	0	1
Supervisor Trucks	6	4	3	2
Portable 800mhz Radios	5	0	0	0
Water Tankers	2	0	0	0
Water Trucks	2	0	0	0
Chain Saws	12	8	5	9
Portable Generators	3	0	1	1
Acel/Oxy Cutting Rigs	1	3	3	2
Wood Chippers	1	0	0	1
Track-Hoe	3	0	0	0
Motorized Boom	1	1	0	0
Water Pump	4	1	0	2
Plywood (pallets)	1	0	0	0
Front Loader	1	1	3	1
Dozers	4	0	0	0
Portable Welding Rigs	0	1	2	1
Mini Excavator	1	1	1	0

### **Fort Bend County Drainage - Resources**

1. 50,500 sand bags
2. 200 sand bags
3. One – 3 shoot sand bag filling machine
4. One 4'x100' aquadam
5. Two 3'x100 aquadam
6. Four 4'x100' wipp tubes
7. One UAV

### **Fort Bend County OEM - Resources**

1. Mobile Voice and Data Redundancy Trailer 1
2. Mobile Voice and Data Redundancy Trailer 2
3. Regional Communications Unit
4. 2 - Mobile AM Alert Trailers
5. 2 – Diesel Light Towers

## ESSENTIAL DISASTER SUPPLIES

### 1. Planning Factors

#### A. Drinking Water.

- 1) The planning factor for drinking water is 3 gallons per person per day.
- 2) Emergency drinking water is usually provided in the form of bottled water. Bottled water is available from a variety of sources already palletized and ready to ship.
- 3) People sometimes request that water tankers be placed in specific areas as fill-it-yourself water stations. This arrangement is often undesirable because potable water tankers are generally in short supply, a distribution system of piping and faucets must be fabricated, and such facilities usually have to be staffed.

#### B. Ice

- 1) Ice is needed to preserve food and medicines.
- 2) The planning factor for ice is one 8 to 10 pound bag per person per day.
- 3) Bagged ice is available from a number of distributors. When arranging for ice, keep in mind that ice is obviously perishable and you will probably need to retain the refrigerated delivery truck to preserve the product while it is being distributed.

#### C. Portable Toilets

- 1) The general planning factor is 8 to 10 toilets per hundred people. In areas where people are well dispersed, additional toilets may be needed to keep the walk to sanitary facilities reasonable.
- 2) In requesting portable toilets, ensure that the contract for providing the toilets includes the requirement to service them on a regular basis. A local or nearby firm that has existing arrangements for waste disposal is often preferable.
- 3) Portable toilets should be sited at least 100 feet from any water source or cooking facility. To prevent disease, it is desirable to have hand washing facilities in the vicinity of toilets.

#### D. Food

- 1) Shelter and mass care facilities and mobile feeding units generally aim to provide at least two, and preferably three, simple meals per day – cereal, sandwiches, and soup. When requesting feeding service, provide not only an estimate of the number of people that need to be fed, but also indicate the number of those who are infants and children 1 to 3 years of age so that suitable food can be provided.
- 2) It may be possible to obtain packaged non-perishable meals for disaster victims who remain in their homes and cannot easily be served by fixed or mobile feeding facilities.  
A good estimate of the number of people who must be fed and for how long is vital in requesting such meals.

E. Plastic Sheeting & Tarps

- 1) Plastic sheeting and tarps are used to protect damaged structures from further damage by foul weather.
- 2) The planning factor for plastic sheeting is 1100 square feet per home. That amount covers half the roof of a typical 1800 square foot house.
- 3) For plastic sheeting: 4 or 5 mil thickness, 8+ feet wide – the wider the better.
- 4) For tarps: inexpensive polyethylene tarps are readily available. Tarps should have grommets.
- 5) Rope can be used to install tarps that have grommets. Furring strips are usually needed to keep plastic sheeting on roofs and walls and may also be used with tarps.

F. Sandbags

- 1) Sandbags may be used to protect structures from rising water.
- 2) Sandbags are available in quantity from a number of commercial distributors.
- 3) If you plan to use a substantial quantity of sandbags, a sandbag filling machine can expedite filling. These machines are available from a variety of commercial vendors; sandbag distributors may be able to provide such machines or contact information for those who do.

**2. Suppliers of Essential Disaster Supplies**

<b>ITEM</b>	<b>LOCAL SUPPLIER</b>	<b>NEARBY SUPPLIER</b>
<b>Bottled Water</b>	<b>Ozarka</b> Jeff Kaufmann 713-799-0138 (office) 713-875-8057 (cell)	
<b>Ice</b>	<b>Ready Ice</b> 6004 N. Shepherd Houston, TX 77091 877-295-0024 24/7 service	
<b>Portable Toilets</b>	<b>Aztec Rental</b> Shawn Scarlin 713-667-5651 <a href="mailto:scarline@aztecrentalcenters.com">scarline@aztecrentalcenters.com</a>	<b>Untied Site Services</b> Thomas Graham 832-309-0896 <a href="mailto:Thomas.graham@unitedsiteservices.com">Thomas.graham@unitedsiteservices.com</a> 800-864-5387
<b>Dumpsters</b>	<b>Republic</b> Commercial Front Load Jon Dudley 713-501-9674 <a href="mailto:dudley@republicservices.com">dudley@republicservices.com</a>	<b>Republic</b> Industrial Roll Off Roland Barajas 832-250-8637 <a href="mailto:rbarajas@republicservices.com">rbarajas@republicservices.com</a>
<b>Food Supplies</b>	<b>Wal-Mart</b> 5330 FM 1640 Richmond, Texas 77469 Oscar Smith, Store Manager 956-346-9479  <b>HEB</b> 99 and 59/69 Bob Vega, Store Manager 832-721-9941	<b>Kroger</b> 24401 Brazos Town Crossing Rosenberg, TX 77471
<b>Packaged Meals</b>	<b>Red Cross</b>	

**Plastic Sheeting &  
Tarps**

**Lowes**  
28005 Southwest Frwy  
Rosenberg, TX 77471  
Timothy McDonald (Rep)  
Billy Vanijgul (manager)  
281-201-3164 (office)  
713-586-9266 (Billy cell)

**Home Depot**  
24400 Commercial Drive  
Rosenberg, Tx 77471  
Contact: Phillip (manager)  
281-239-2777 (office)  
832-205-7460 (cell)

**Grainger**  
Mike Williams  
281-240-4444 (office)  
281-381-9429 (cell)  
800-GRAINGER

**Sandbags**

**Houston DNJ Int'l Inc**  
10550 Beaumont, hwy 90  
Houston, TX 77078  
Jimmy Lo  
Phone: 713-678-7888  
24 hr 832-878-4184  
This vendor supplies the Texas National Guard

**Huckster**  
6111 Griggs Road  
Houston, Texas 77023  
Rachel Ponce  
Phone: 713-644-8277

**Fuel**

**Susser Petroleum**  
555 East Airtex Drive  
Houston, TX 77073  
Jillian Rodriguez  
713-402-8925 (cell)

**Generators**

**Aztec Rental Center**  
11610 Highway 6 South  
Sugar Land, TX 77478  
Contact: Brian Nedd  
281-568-2460 (office)  
713-824-1603 (cell)

**Quality Rentals**  
Contact: Joe Rios  
832-455-1613 (cell)  
[Riosjoe9090@gmail.com](mailto:Riosjoe9090@gmail.com)

**Medical Oxygen**

**Praxair**  
281-342-5438

RESOURCE REQUEST										
1. Incident Name:				2. Date/Time:			3. Resource Request Number:			
Requestor	4. Order (Use additional forms when requesting different resource sources of supply.):									
	Qty.	Kind	Type	Detailed Item Description: (Vital characteristics, brand, specs, experience, size, etc.)	Cost	5. Resource Status				
						Received by	Date/Time	Assigned to	Released to	Date/Time
6. Requested Delivery/Reporting Location:										
7. Suitable Substitutes and/or Suggested Sources:										
8. Requested by Name/Position:					9. Priority: <input type="checkbox"/> Urgent <input type="checkbox"/> Routine <input type="checkbox"/> Low		10. Section Chief Approval:			
Logistics	11. Logistics Order Number:					12. Supplier Phone/Fax/Email:				
	13. Name of Supplier/POC:									
	14. Notes:									
	15. Approval Signature of Auth Logistics Rep:					16. Date/Time:				
Finance	17. Order placed by:									
	18. Reply/Comments from Finance:									
	19. Finance Section Signature:					20. Date/Time:				
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