

ANNEX H

**HEALTH
&
MEDICAL
SERVICES**

Brazoria County, Texas

APPROVAL & IMPLEMENTATION

Annex H

Health & Medical services

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

Leo D. O’Gorman, MD, MPH
Signature on file

7-10-09
Date

Kenneth R. “Doc” Adams
Signature on file

7-10-09
Date

NOTE: The signature(s) will be based upon local administrative practices. Typically, the individual having primary responsibility for this emergency function signs the annex in the first signature block and the second signature block is used by the Emergency Management Coordinator, Mayor, or County Judge. Alternatively, each department head assigned tasks within the annex may sign the annex.

RECORD OF CHANGES

Annex H

Health & Medical Services

Change #	Date of Change	Entered By	Date Entered
001	April 27, 2007	Stephan J. Rosa	April 27, 2007
002	June 30,2008	Stephan J. Rosa	July 01, 2008
003	July 10, 2009	Jo Mapel	July 16, 2009

ANNEX H

HEALTH & MEDICAL SERVICES

I. AUTHORITY

See Basic Plan, Section I.

Texas Code of Criminal Procedure, Part 1, Chapter 49, Inquests on Dead Bodies.

II. PURPOSE

The purpose of this annex is to outline the local organization, operational concepts, responsibilities, and procedures to accomplish coordinated public health and medical services to reduce death and injury during emergency situations and restore essential health and medical services within a disaster area.

III. EXPLANATION OF TERMS

A. Acronyms

BCHD	Brazoria County Health Department
DDC	Disaster District Committee
DHS	Department of Homeland Security
DMAT	Disaster Medical Assistance Team
DMORT	Disaster Mortuary Services Team
DSHS	Department of State Health Services
EMS	Emergency Medical Services
EMT	Emergency Medical Technician
EOC	Emergency Operations or Operating Center
ICP	Incident Command Post
ICS	Incident Command System
LHA	Local Health Authority
NDMS	National Disaster Medical System
NIMS	National Incident Management System
PHEP	Public Health Emergency Preparedness
PIO	Public Information Officer
SOPs	Standard Operating Procedures

B. Definitions

1. Disaster Medical Assistance Team. A team of volunteer medical professionals and support personnel equipped with deployable equipment and supplies that can move quickly to a disaster area and provide medical care.

2. Disaster Mortuary Services Team. A team of mortuary service and medical personnel that provide mortuary and victim identification services following major or catastrophic disasters.
3. Joint Information Center. A facility, established to coordinate all incident-related public information activities, authorized to release general medical and public health response information delivered by a recognized spokesperson from the public health and medical community.
4. National Disaster Medical System. A coordinated partnership between Department of Homeland Security (DHS), Department of Health and Human Services Commission, Department of Defense, and the Department of Veterans Affairs for the purpose of responding to the needs of victims of a public health emergency. Non-federal participants include major pharmaceutical companies and hospital suppliers, the national Foundation for Mortuary Care, and certain international disaster response and health organizations.
5. Special Needs Individuals/Groups. Includes the elderly, medically fragile, mentally and/or physically challenged or handicapped, individuals with mental illness, and the developmentally delayed. These groups may need specially trained health care providers to care for them, special facilities equipped to meet their needs, and require specialized vehicles and equipment for transport. This population requires specialized assistance in meeting daily needs and may need special assistance during emergency situations.

IV. SITUATION & ASSUMPTIONS
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A. Situation

1. As outlined in Section IV.A and Figure 1 in the Basic Plan, our area is vulnerable to a number of hazards. These hazards could result in the evacuation, destruction of or damage to homes and businesses, loss of personal property, disruption of food distribution and utility services, serious health risks, and other situations that adversely affect the daily life of our citizens.
2. Emergency situations could result in the loss of water supply, wastewater, and solid waste disposal services, creating potential health hazards.
3. Hospitals, nursing homes, ambulatory care centers, pharmacies, and other facilities for medical/health care and special needs populations may be damaged or destroyed in major emergency situations.
4. Health and medical facilities that survive emergency situations with little or no damage may be unable to operate normally because of a lack of utilities or because staff are unable to report for duty as a result of personal injuries or damage to communications and transportation systems.
5. Medical and health care facilities that remain in operation and have the necessary utilities and staff could be overwhelmed by the "walking wounded" and seriously injured victims transported to facilities in the aftermath of a disaster.
6. Uninjured persons who require frequent medications such as insulin and anti-hypertensive drugs, or regular medical treatment, such as dialysis, may have difficulty in obtaining these medications and treatments in the aftermath of an emergency situation due to damage to

pharmacies and treatment facilities and disruptions caused by loss of utilities and damage to transportation systems.

7. Use of nuclear, chemical, or biological weapons of mass destruction could produce a large number of injuries requiring specialized treatment that could overwhelm the local and state health and medical system.
8. Emergency responders, victims, and others who are affected by emergency situations may experience stress, anxiety, and display other physical and psychological symptoms that may adversely impinge on their daily lives. In some cases, disaster mental health services may be needed during response operations.

B. Assumptions

1. Although many health-related problems are associated with disasters, there is an adequate local capability to meet most emergency situations.
2. Public and private medical, health, and mortuary services resources located in our county will be available for use during emergency situations; however, these resources may be adversely impacted by the emergency.
3. If hospitals and nursing homes are damaged, it may be necessary to relocate significant numbers of patients to other comparable facilities elsewhere.
4. Disruption of sanitation services and facilities, loss of power, and the concentration of people in shelters may increase the potential for disease and injury.
5. Damage to chemical plants, sewer lines and water distribution systems, and secondary hazards such as fires could result in toxic environmental and public health hazards that pose a threat to response personnel and the general public. This includes exposure to hazardous chemicals, biological and/or radiological substances, contaminated water supplies, crops, livestock, and food products.
6. The public will require guidance on how to avoid health hazards caused by the disaster or arising from its effects.
7. Some types of emergency situations, including earthquakes, hurricanes, and floods may affect a large proportion of our county, making it difficult to obtain mutual aid from the usual sources.
8. Appropriate local, State, and possibly federal, tribal medical, public health officials, and organizations will coordinate to determine current medical and public assistance requirements.

V. CONCEPT OF OPERATIONS

A. General

1. Brazoria County government will provide a consistent approach to the effective management of actual or potential public health or medical situations to ensure the health and welfare of its

citizens operating under the principles and protocols outlined in the National Incident Management System (NIMS).

2. The Brazoria County Health Department is the local agency primarily responsible for the day-to-day provision of limited health and medical services for our community. The Medical Director of the BCHD has been appointed as the Health Authority for Brazoria County by the Brazoria County Commissioner's Court.
3. This annex is based upon the concept that the emergency functions of the public health, medical, EMS, health care industry and mortuary services will generally parallel their normal day-to-day functions. To the extent possible, the same personnel and material resources will be employed in both cases. Some day-to-day functions that do not contribute directly to the emergency operation may be suspended for the duration of the emergency and the resources that would normally be committed to those functions will be redirected to the accomplishment of emergency tasks.
4. Provisions must be made for the following:
 - a. Establishment of a medical command post at the disaster site.
 - b. Coordinating health & medical response team efforts.
 - c. Triage of the injured, if appropriate.
 - d. Medical care and transport for the injured.
 - e. Identification, transportation, and disposition of the deceased.
 - f. Holding and treatment areas for the injured.
 - g. Isolating, decontaminating, and treating victims of hazardous materials or infectious diseases, as needed.
 - h. Identifying hazardous materials or infectious diseases, controlling their spread, and reporting their presence to the appropriate state or federal health or environmental authorities.
 - i. Issuing health & medical advisories to the public on such issues as drinking water precautions, waste disposal, the need for immunizations, and food protection techniques.
 - j. Conducting health inspections of congregated care and emergency feeding facilities.

B. Mental Health Services

1. Appropriate disaster mental health services need to be made available for disaster victims, survivors, bystanders, responders and their families, and other community caregivers during response and recovery operations. Services may include crisis counseling, critical incident stress management, information and referral to other services, and education about normal, predictable reactions to a disaster experience and how to cope with them.
2. Information on disaster mental health services procedures can be found in Annex O (Human Services).

C. Medical Services

1. Ambulance and Transportation
 - a. All ambulances and emergency rescue vehicles serving in our county will be equipped with Field Triage Tags (START Triage is used by all EMS providers) and shall contain at all times, those essential items as specified by the Texas Department of State Health Services (DSHS).

- b. Upon notification of an emergency situation, the appropriate ambulance service will dispatch the necessary units to the scene.
- c. The Senior EMT or paramedic who first arrives on the scene will:
 - 1) Survey the disaster scene.
 - 2) Report to the Incident Commander and establish a triage area.
 - 3) Institute a preliminary screening of casualties and begin stabilizing and transporting those most critically injured.
 - 4) Record the number of casualties transported and their destination.
- d. If the emergency situation warrants, the EMT/paramedic will request, through the Incident Commander, additional ambulances.
- e. Upon arrival of the EMS Control Officer or Triage Officer, all ambulance service personnel will place themselves at his/her disposal and will follow their directions in regard to casualty movement.
- f. The senior EMT/paramedic will assume the position of Triage Officer if ICS is established and inform the Incident Commander as to what procedures have begun, the location of the triage area, the number of casualties, and the number to be transported.
- g. Triage Officer will direct all medical operations on scene and all EMS personnel will place themselves at his/her disposal and will follow his directions in regard to patient movement.
- h. The EMS Staging Officer, during the course of the disaster, will provide the EMS personnel with information relative to situation and/or existing capabilities at the various medical treatment facilities.

2. Triage

- a. It is the responsibility of the first EMT/paramedic who arrives on the scene to institute triage and to implement actions that may be required by the situation.
- b. If it is apparent there will be mass casualties, the nearest hospital with emergency facilities and others with suitable facilities will be notified.
- d. A Triage Officer is in charge of sorting patients to establish priority of treatment and transportation. This person is also in charge of the care of patients awaiting transportation.
- e. An EMS Staging Officer is in charge of all ambulances and directs the loading and transportation of patients. This person acts as liaison with the field and the hospitals and reports to the Triage Officer.
- f. Additional supplies may be obtained from local hospitals upon request.
- g. Triage Priorities – Patients with the most severe injuries or conditions or injuries have priority for transportation and treatment over others as outlined:

- 1) Red Category – First Priority, most urgent
 - (a) Airway and breathing difficulties
 - (b) Uncontrolled or suspected severe bleeding
 - (c) Shock
 - (d) Open chest or abdominal wounds
 - (e) Severe head injuries
 - 2) Yellow Category – Second Priority, Urgent
 - (a) Burns
 - (b) Major or multiple fractures
 - (c) Back injuries with or without spinal damages
 - 3) Green Category – Third Priority, Non-urgent

Transportation and treatment is required for minor injuries (but not necessarily by EMS personnel), minor fractures, or other injuries of a minor nature.
 - 4) Black Category – Deceased, Non-urgent
3. Off-Shore Response
- a. All off-shore responses will be under the command and control of the United States Coast Guard in Brazoria County.

D. Mortuary Services

1. Law enforcement is responsible for investigating deaths that are not due to natural causes or that do not occur in the presence of an attending physician. Justices of the Peace are responsible for determining cause of death, authorization of autopsies to determine the cause of death, forensic investigations to identify unidentified bodies, and removal of bodies from incident sites.
2. When it appears an incident involves fatalities, the investigating officer shall request the notification of the Justice of the Peace.
3. Justice of the Peace shall arrange for the transportation of bodies requiring autopsy or identification to morgues or suitable examination facilities. When mass fatalities have occurred, it may be necessary to establish a temporary morgue and holding facilities. Additional mortuary service assistance may be required.
4. In Brazoria County mortuary services are supplied by independently owned and operated funeral homes within the county. These funeral homes will collect bodies of victims from the scene and from hospitals, morgues, and other locations and arrange with next of kin for the disposition of remains.

E. Medical and Mortuary Assistance

1. Department of State Health Services (DSHS). When requested by local officials, the DSHS can provide health and medical advice and assistance during emergency situations from its various regional offices.
2. Disaster Medical Assistance Team (DMAT)
 - a. As noted previously, DMAT is a group of volunteer medical professionals and support personnel equipped with supplies and equipment that can be moved quickly to a disaster area and provide medical care. DMATs are a part of the National Disaster Medical System (NDMS). The DMAT concept involves using volunteer medical professionals to provide emergency services to victims of disasters. Each DMAT is an independent, self-sufficient team that can be deployed within a matter of hours and can set up and continue operations at the disaster site for up to 72 hours with no additional supplies or personnel. The 72-hour period allows federal support, including medical supplies, food, water, and any other commodity required by the DMAT to arrive.
 - b. TX-1 DMAT is a federal and state response asset based in Texas. TX-1 DMAT can be activated by the State to respond to emergency events that may not be severe enough to warrant a federal response. Working closely with [DSHS](#), TX-1 DMAT can serve as a state-level responder to major emergencies and disasters that require additional medical response resource.
3. Disaster Mortuary Services Team (DMORT)

The Texas DMORT provides mortuary and victim identification services following major or catastrophic disasters. The team is comprised of volunteer professionals from the mortuary and funeral industries.

F. Damage Assessment

1. Casualty Information. The Health Authority has primary responsibility for gathering information concerning injuries and fatalities resulting from emergency and disasters. Since accurate information concerning casualties is essential in identifying required levels of medical support, information of this type must be forwarded to Public Health Liaison Officer in the EOC as soon as it is available to support requests for assistance and for inclusion in required reports.
2. Water Supply Systems. In cooperation with City Public Works or private water supply companies, Brazoria County Environmental Health Department has responsibility for evaluating damage to water treatment facilities following disaster occurrences. Because of system vulnerability to numerous forms of contamination and because of the impact which prolonged shutdown of water treatment facilities could have on public health and welfare, it is essential that rapid and accurate assessments of damage be completed. Accurate timely estimates for required repairs will permit the BCEHD to identify appropriate interim measures such as rationing, expedient water treatment, or construction of temporary water delivery systems.
3. Wastewater Systems. Wastewater treatment facilities are vulnerable to disaster-related interruptions and their unavailability can have a major impact on the community's health and well-being. The Texas Commission on Environmental Quality (TCEQ), in cooperation with BCEHD and local Public Works, has a responsibility for evaluating damage to those facilities, as well as advising local officials concerning expedient sanitation practices which may be required in the affected areas.

4. **Medical Facilities.** The Health Authority has responsibility for supervising the evaluation of damage sustained by medical facilities in a disaster area as it relates to the ability of the facility to provide care. The hospitals and nursing homes in county jurisdiction will provide support in this activity. The facility administrator or his designee will gather initial damage reports and submit requests for repairs or equipment to the EOC. They will also identify which patients must be removed pending repairs or relocation because of facilities damaged beyond repair. This data will be provided to the MOC by the Public Health Liaison Officer to develop reports for the Health Authority. This information will be coordinated back to the EOC for processing at the highest level to maintain services and support in the disaster area.

G. Requesting External Assistance.

If health and medical problems resulting from an emergency situation cannot be resolved with local resources, those obtained pursuant to inter-local agreements, or resources obtained by the Resource Management staff in the EOC, local government may request medical or mortuary assistance from the State. The County Judge should make requests for such assistance to the DDC Chairperson for DPS Region 2/District 2A. Cities must request assistance from their county before requesting assistance from the State.

H. Activities By Phases of Emergency Management

1. **Prevention:**
 - a. Give immunizations.
 - b. Conduct continuous health inspections.
 - c. Promote and encourage the use of the blood donation program.
 - d. Conduct specialized training (e.g. hazmat, decontamination, etc.).
 - e. Conduct epidemic intelligence, evaluation, presentation, and detection of communicable diseases.
 - f. Conduct normal public health awareness programs.
2. **Preparedness:**
 - a. Maintain adequate medical supplies.
 - b. Coordinate with county officials to ensure water quality.
 - c. Coordinate with county officials to provide safe waste disposal.
 - d. Review emergency plans for laboratory activities regarding examination of food and water, diagnostic tests, and identification, registration and disposal of the deceased.
 - e. Train and exercise personnel.
3. **Response:**
 - a. Conduct public information programs dealing with personal health and hygiene.
 - b. Conduct disease control operations.
 - c. Monitor sanitation activities.
 - d. Ensure that supplies of potable water are available.
 - e. Conduct environmental health activities regarding waste disposal, refuse, food and water control, and vector control.
 - f. Begin the collection of vital statistics.
4. **Recovery:**

- a. Compile health reports for state and federal officials.
- b. Identify potential and/or continuing hazards affecting public health.
- c. Distribute appropriate guidance for the prevention of the harmful effects of the hazard.
- d. Continue to collect vital statistics.

VI. ORGANIZATION & ASSIGNMENT REponsibilities

A. Organization

1. Our normal emergency organization, described in Section VI.A of the Basic Plan and depicted in Attachment 3 to that Plan, will plan and carry out health and medical operations during emergency situations.
2. The Brazoria County Commissioner's Court appoints the local Health Authority. The Health Authority has primary responsibility for the health and medical services function and shall designate a Public Health Liaison Officer to plan and coordinate public health and medical services during emergency situations. The Public Health Liaison Officer or a designee shall serve as a member of the EOC Staff. Health and medical service response activities at an incident scene will be coordinated through the Incident Commander. Large-scale health and medical efforts shall be coordinated from the EOC.
3. Upon receipt of official notification of an actual or potential emergency condition, it is the responsibility of the Health Authority to receive and evaluate all requests for health and medical assistance and to disseminate such notification to all appropriate public health, medical, and mortuary services.

B. Assignment of Responsibilities

1. General

All agencies/organizations assigned to provide health and medical services support is responsible for the following:

- a. Designating and training representatives of their agency, to include NIMS and ICS training.
- b. Ensuring that appropriate SOPs are developed and maintained.
- c. Maintaining current notification procedures to insure trained personnel are available for extended emergency duty in the EOC and, as needed, in the field.

2. Emergency Functions

Under the Brazoria County Emergency Management Plan, the Health Authority has primary responsibility to provide the following services in response to emergency situations:

- a. Coordinate essential medical, surgical, and hospital care and treatment for persons whose illnesses or injuries are a result of a disaster or where care and treatment are complicated by a disaster.
- b. Public health protection for the affected population.

- c. Mortuary services.
 - d. Damage assessment for public health & medical facilities and systems.
3. To ensure these services are available as needed, various medical and public health services have been assigned primary or support responsibility for specific activities. Those activities, and the services responsible for their accomplishment, are summarized below.

C. Task Assignments

1. The Health Authority will:
 - a. Designate a PHEP team to perform pre-emergency planning for emergency health and medical services and coordinate such activities during major emergencies and disasters at the MOC.
 - b. Designate a Public Health Liaison Officer to support health and medical operations at the EOC.
2. The Public Health Liaison Officer and Health Authority will coordinate:
 - a. Emergency health and medical activities from the EOC when activated.
 - b. Rapid assessments of health and medical needs.
 - c. Efforts of local health and medical organizations activated for an emergency assessing their needs, obtain additional resources, and ensure that necessary services are provided.
 - d. Emergency medical teams responding to a disaster to ensure the establishment of medical command posts.
 - e. Neighboring community health and medical organizations on matters related to assistance from other jurisdictions.
 - f. State and federal officials regarding state and federal assistance.
 - g. Response units, such as DMAT.
 - h. Screen individual health and medical volunteers obtaining positive identification and proof of licensure of volunteers.
 - i. Location, procurement, screening, and allocation of health and medical supplies and resources, including human resources, required to support health and medical operations.
 - j. Information to the news media on casualties and instructions to the public on dealing with public health problems through the PIO.
 - k. The provision of laboratory services required in support of emergency health and medical services.
 - l. Immunization campaigns or quarantines, if required.
 - m. Inspections of foodstuffs, water, drugs, and other consumables that were exposed to the hazard.
 - n. Inspections of damaged buildings for health hazards.
 - o. Disposal of dead animals with the [county/city] animal control agency.
 - p. Implementation of measures to prevent or control disease vectors such as flies, mosquitoes, and rodents.
 - q. Preventive health services, including the control of communicable diseases such as influenza, particularly in shelters.
3. Emergency Medical Services will:

- a. Respond to the scene with appropriate emergency medical personnel and equipment.
- b. Upon arrival at the scene, assume an appropriate role in the ICS. Initiate ICS if it has not been established and report to the EOC.
- c. Triage, stabilize, treat, and transport the injured.
- d. Coordinate with local and regional hospitals to ensure casualties are transported to the appropriate facilities.
- e. Establish and maintain field communications and coordination with other responding emergency teams (medical, fire, police, public works, etc.). Continue radio and/or telephone communications with hospitals.
- f. Direct the activities of private, volunteer, and other emergency medical units, and of bystander volunteers, as needed.
- g. Evacuate patients from affected hospitals and nursing homes, if necessary.

4. Hospitals will:

***Note*:** All clinics and nursing homes in Brazoria County are privately owned and do not fall under any jurisdiction of the county. Two hospitals are tax-supported entities and one is a not for profit organization. Brazoria County offers no building code enforcement under its jurisdiction.

- a. Implement internal and/or external disaster plans.
- b. Advise the Public Health Liaison Officer in the EOC of conditions at the facility and the number and type of available beds.
- c. Establish and maintain field and inter-facility medical communications.
- d. Provide medical guidance, as needed, to EMS.
- e. Coordinate with EMS, other facilities, and any medical response personnel at the scene to ensure the following is accomplished:
 - 1) Casualties are transported to the appropriate medical facility.
 - 2) Patients are distributed hospitals both inside and outside the area based on severity and types of injuries, time and mode of transport, treatment capabilities, and bed capacity.
 - 3) Take into account special designations such as trauma centers and burn centers.
 - 4) Consider the use of clinics to treat less acute illnesses and injuries.
- f. Coordinate with local emergency responders to isolate and decontaminate incoming patients, if needed, to avoid the spread of chemical or bacterial agents to other patients and staff.
- g. Coordinate with other hospitals and with EMS on the evacuation of affected hospitals, if necessary. Evacuation provisions should specify where patients are to be taken.
- h. Depending on the situation, deploy medical personnel, supplies, and equipment to the disaster site(s) or retain them at the hospital for incoming patients.
- i. Establish and staff a reception and support center at each hospital for relatives and friends of disaster victims searching for their loved ones.
- j. Provide patient identification information to the American Red Cross upon request.

5. The Mental Health Authority will:

Ensure appropriate mental health services are available for disaster victims, survivors, bystanders, responders and their families, and other community caregivers during response and recovery operations. Information on disaster mental health services procedures can be found in Annex O (Human Services).

6. The Justice of the Peace will:

- a. Conduct inquests for the deceased and prepare death certificates.
- b. Order or conduct autopsies if necessary to determine cause of death.
- c. Order or conduct forensic investigations to identify unidentified bodies.
- d. Authorize removal of bodies from incident sites to the morgue or mortuary facilities.
- e. Provide information through the PIO to the news media for the dissemination of public advisories, as needed.

7. Law Enforcement will:

- a. Upon request, provide security for medical facilities.
- b. Conduct investigations of deaths not due to natural causes.
- c. Locate and notify next of kin.

8. Mortuary Services will:

- a. Provide for the collection and care of human remains.
- b. Establish temporary holding facilities and morgue sites, if required.
- c. Coordinate with emergency health and medical services.

9. The appropriate Utility Company will:

Coordinate the restoration of utilities service to key medical facilities.

10. The Public Information Office (PIO) will:

Disseminate emergency public information provided by health and medical officials. The Public Health Liaison Officer has primary responsibility for the coordination of health & medical information intended for release through public media during emergency operations. Additional information on emergency public information procedures can be found in Annex I (Emergency Public Information).

VII. DIRECTION & CONTROL

A. General

- 1. The Public Health Liaison Officer, working as a staff member of the Brazoria County emergency organization, supported by an appropriate network, shall direct and coordinate the efforts of local health and medical services and agencies, and organizations during major emergencies and disasters requiring an integrated response.
- 2. Routine health and medical services operations may continue during less severe emergency situations. Direction and control of such operations will be by those that normally direct and control day-to-day health and medical activities.
- 3. External agencies providing health and medical support during emergencies are expected to conform to the general guidance provided by our senior decision-makers and carry out mission assignments directed by the Incident Commander or the EOC. However, organized response units will normally work under the immediate control of their own supervisors.

B. Incident Command System – EOC Interface

If both the EOC and an ICP are operating, the Incident Commander and the EOC must agree upon a specific division of responsibilities for emergency response activities to avoid duplication of effort as well as conflicting guidance and direction. The EOC and the ICP must maintain a regular two-way information flow. A general division of responsibilities between the ICP and the EOC that can be used as a basis for more specific agreement is provided in Section V of Annex N, Direction & Control.

C. Disaster Area Medical Coordination

1. In emergency situations involving significant damage to Brazoria County medical facilities, each facility shall be responsible for determining its overall status and compiling a consolidated list of resources or services needed to restore vital functions. Each operating unit will report its status and needs to a single contact point designated by the facility. This facility contact should consolidate the data provided and report it to the Public Health Liaison Officer in the EOC.
2. The Public Health Liaison Officer must be prepared to receive the consolidated requests and channel various elements of those requests to those local health and medical facilities as well as other departments, agencies, and organizations that can best respond. Requests for resources that cannot be obtained through normal sources of supply or through mutual aid by health and medical facilities outside the local area should be identified to the Resource Management staff in the EOC for action.

D. Line of Succession

To ensure continuity of health and medical activities during threatened or actual disasters, the following line of succession is established for the Health Authority:

1. Health Director
2. A qualified physician designated by the Brazoria County Commissioners' Court
3. If the Brazoria County Commissioners' Court does not designate a physician to serve as the Health Authority, the Regional Medical Director of Health Service Region 6/5 South – Houston shall serve as the County Health Authority.

VIII. READINESS LEVELS

A. Level IV: Normal Conditions

1. Review and update plans and related SOPs.
2. Review assignment of all personnel.
3. Coordinate with local private industries on related activities.
4. Maintain a list of health & medical resources (see Annex M).
5. Maintain and periodically test equipment.
6. Conduct appropriate training, drills, and exercises.
7. Develop tentative task assignments and identify potential resource shortfalls.

8. Establish a liaison with all private health & medical facilities.

B. Level III: Increased Readiness:

1. Check readiness of health and medical equipment, supplies, and facilities.
2. Correct any deficiencies in equipment and facilities.
3. Check readiness of equipment, supplies, and facilities.
4. Correct shortages of essential supplies and equipment.
5. Update incident notification and staff recall rosters.
6. Notify key personnel of possible emergency operations.
7. Review procedures for relocating patients and determine the availability of required specialized equipment if evacuation of health & medical facilities may be required.

C. Level II: High Readiness:

1. Alert personnel to the possibility of emergency duty.
2. Place selected personnel and equipment on standby.
3. Identify personnel to staff the EOC and ICP if those facilities are activated.

D. Level I: Maximum Readiness:

1. Mobilize health and medical resources to include personnel and equipment.
2. Dispatch health and medical representative(s) to the EOC when activated.

IX. ADMINISTRATION & SUPPORT

A. Reporting

1. In addition to reports that may be required by their parent organizations, health & medical elements participating in emergency operations should provide appropriate situation reports to the Incident Commander, or if an incident command operation has not been established, to the Public Health Liaison Officer in the EOC. The Incident Commander will forward periodic reports to the EOC.
2. Pertinent information from all sources will be incorporated into the Initial Emergency Report and the periodic Situation Report that is prepared and disseminated to key officials, other affected jurisdictions, and state agencies during major emergency operations. The essential elements of information for the Initial Emergency Report and the Situation Report are outlined in Appendices 2 and 3 to Annex N, Direction and Control.

B. Maintenance and Preservation of Records

1. Maintenance of Records. Health and medical operational records generated during an emergency will be collected and filed in an orderly manner. A record of events must be preserved for use in determining the possible recovery of emergency operations expenses, response costs, settling claims, assessing the effectiveness of operations, and updating emergency plans and procedures.
2. Documentation of Costs. Expenses incurred in carrying out health and medical services for certain hazards, such as radiological accidents or hazardous materials incidents, may be

recoverable from the responsible party. Hence, all departments and agencies will maintain records of personnel and equipment used and supplies consumed during large-scale health and medical operations.

3. Preservation of Records. Vital health & medical records should be protected from the effects of a disaster to the maximum extent possible. Should records be damaged during an emergency situation, professional assistance for preserving and restoring those records should be obtained as soon as possible.

C. Post Incident Review

For large-scale emergencies and disasters, the County Judge or EMC shall organize and conduct a review of emergency operations by those tasked in this annex in accordance with the guidance provided in Section IX.E of the Basic Plan. The purpose of this review is to identify needed improvements in this annex, procedures, facilities, and equipment. Health and medical services that participated in the emergency operations being reviewed should participate in the post-incident review.

D. Exercises

Local drills, tabletop exercises, functional exercises, and full-scale exercises based on the hazards faced by our county will periodically include health and medical services operations. Additional drills and exercises may be conducted by various agencies and services for the purpose of developing and testing abilities to make effective health and medical response to various types of emergencies.

E. Resources

1. A list of local health & medical facilities is provided in Appendix 8, Attachment A, Tab S of Annex H.
2. A list of deployable health and medical response resources is provided in Annex M, Resource Management.

X. ANNEX DEVELOPMENT & MAINTENANCE

- A. The Brazoria County Health Department is responsible for developing and maintaining this annex. Recommended changes to this annex should be forwarded as needs become apparent.
- B. This annex will be revised annually and updated in accordance with the schedule outlined in Section X of the Basic Plan.
- C. Departments and agencies assigned responsibilities in this annex are responsible for developing and maintaining SOPs covering those responsibilities.

XI. REFERENCES

- A. Annex H (Health & Medical Services) to the *State of Texas Emergency Management Plan*.
- B. Texas Department of State Health Services website: www.dshs.state.tx.us.
- C. DSHS Public Health Region website: www.dshs.state.tx.us/brlho/regions.html. This site contains information on the counties served by the 11 DSHS Public Health Regions.

Appendix 1 Local Health & Medical Facilities

Hospitals

Brazosport Regional Health System

100 Medical Drive

Lake Jackson, Texas 77566

979) 297-4411

Licensed beds-172

Beds (medical/surgical ICU) -107

Operating rooms-5

Isolation Rooms (negative pressure)--10

MRI Scanner-1

CT Scanner-2

Dialysis Units- 2 beds

Emergency Room – 15 acute care beds

Expedient outdoor Decon Unit (4 patients per hour)

Emergency power for 120 hours

Angleton Danbury Medical Center

132 E. Hospital Drive

Angleton, Texas 77515

(979) 849-7721

Licensed beds - 64

Bed (medical/surgical ICU)-9

Operating rooms-6

Isolation Rooms (negative pressure)-1

MRI Scanner-1

CT Scanner-2

Dialysis Unit-0

Emergency Room – 13 acute care beds

Expedient outdoor Decon Unit (4 patients per hour)

Emergency power for 72 hours

Sweeny Community Hospital

305 N. McKinney

Sweeny, TX 77480

979-548-1500

Licensed beds - 20

Bed (medical/surgical) ICU-0

Operating rooms-2

MRI Scanner-0

CT Scanner-1

Dialysis Unit - 0

Emergency Room – 2 acute care beds 6 regular beds

Expedient outdoor Decon Unit (untested patients per hour)

Outdoor Decon Unit

Emergency power for 72 hours

Clinics

Facility	Address	City	Phone	Type	Hrs.
Alvin Diagnostic and Urgent Care Center (Clear Lake RMC)	400 Medic Lane	Alvin, TX 77511	(281) 331-1601	Urgent	24/7
Alvin Emergency Center (Clear Lake RMC)	301 Medic Lane	Alvin, TX 77511	(281) 331-6141	Urgent	24/7
Stephen F. Austin Community Clinic	House St	Alvin, TX 77511		Clinic	
St. Thomas Clinic		Angleton, TX 77515	(979) 849-2777	Clinic	Tuesday evenings
Urgent Care	2327 E. Highway 35 #A	Angleton, TX 77515	(979) 848-8070	Urgent	MTWTF 9:00-21:00 S 11:00-18:00
Live Oak Clinic of Brazosport (Family Life Church)	796 S. Brazosport Blvd.	Clute, TX 77531	(979) 388-0280	Clinic	2 days month, 4:30-8 p.m.
Brazosport Medical Clinic	905 N. Gulf Blvd.	Freeport, TX 77541 Lake Jackson, TX 77566	(979) 239-1633	Clinic	
Brazosport Regional Urgent Care	508 This Way 2900 E Broadway	Pearland, TX 77581	(979) 480-9467	Urgent	MTTF 11:00-22:30 M-F 9-8, Sat9-5:30, Sun 10-5:30
Minute Clinic (CVS #5877)	3115 Dixie Farm Road #107	Pearland, TX 77581	(281) 997-4400	Clinic	
Texas Emergency Care Specialists	9522 Broadway	Pearland, TX 77584	(281) 648-9113	Urgent	24/7 M-F 9-8, Sat9-5:30, Sun 10-5:30
Minute Clinic (CVS #5807)	St.	Pearland, TX 77584	(713) 436-8151	Clinic	
Pearland Emergency & Imaging Center (Clear Lake RMC)	10970 Shadow Creek Pky #160A	Pearland, TX 77584	(713) 770-7200	Urgent	24/7
Pearland Healthcare Center	1801 Country Place Pky #109	Pearland, TX 77584	(713) 436-4333	Urgent	M-Th: 9AM-6PM, F 9-5, S-9-3
Pearland Urgent Care	8603 Broadway St. #101	Pearland, TX 77584	(281) 485-6441	Urgent	
Walgreen's Take Care Clinic	8460 Broadway St.	Pearland, TX 77584	(281) 910-8042	Clinic	M-F 7-7:30, SS 9:30-5:00
St. Luke's Community Emergency Center	11713 Shadow Creek Parkway	Pearland, TX 77584	(832) 355-7600		

LONG TERM CARE FACILITIES

Assisted Living

Facility	Address	City	TX	Zip	Beds	Type
3 D Management Inc.	12811 Pleasant Valley Dr. 12001 Shadow Creek Parkway	Rosharon	TX	77583	8	A
Colannade at Reflection Bay, The		Pearland	TX	77584	?	
Country Village Care Inc. PC	721 W. Mulberry	Angleton	TX	77515	38	A
Evening Star Personal Care Home LLC	2960 Rowan Burton Rd.	Alvin	TX	77511	16	B
Fountains, The	1101 E. 2nd Street	Sweeny	TX	77480	46	B
Hampton at Pearland, The	2121 Scarsdale Blvd.	Pearland Lake	TX	77581	103	A & B
Hearthstone at Lake Jackson	206 Oak Drive South	Jackson	TX	77566	108	A & B
Kozy Korner Assisted Living	1501 Parkway	Alvin	TX	77511	6	B
Livingtree of Texas	12623 Bethany Bay Drive	Pearland	TX	77584	6	B
Manvel Assisted Living Facility	8903 Harvest	Manvel	TX	77578	12	A
Regal Estates Personal Care Homes	3204 Regal Oaks Drive	Pearland	TX	77581	8	A
Talbot's Evening Shade, LLC	610 Briarwilde Court	Alvin	TX	77511	6	B
Thy Loving Kindness LLC	1218 S. Johnson Ct.	Alvin	TX	77511	9	B
Trinity Oaks of Pearland	3033 Pearland Parkway	Pearland	TX	77581	120	A
White's Cottage Center	332 Marshall Alley	Angleton	TX	77515	16	A

Nursing Homes

Facility	Address	City	Zip	Beds
Laurel Court (formerly Alvin Health Care)	3830 Mustang Rd.	Alvin	77511	98
Colonnades at Reflection Bay	12001 Shadow Creek Parkway	Pearland	77584	50
Country Village Care	721 W. Mulberry	Angleton	77515	136
Cypress Woods Care Center	135 1/2 Hospital Drive	Angleton	77515	105
Lake Jackson Healthcare Center	413 Garland Drive	Lake Jackson	77566	120
Sweeny House	109 N. McKinney	Sweeny	77480	94
The Plantation Health Care Center	204 Oak Drive South	Lake Jackson	77566	74
Tuscany Village	2750 Miller Ranch Road	Pearland	77584	112
Village On The Creek Health Care	914 N. Brazosport Blvd.	Clute	77531	119
Windsong Village Convalescent Center, Inc	3400 E Walnut	Pearland	77581	138
Woodlake Nursing Home	603 E. Plantation Rd.	Clute	77531	93

ICF MR Facilities

Facility	Address	City	State	Zip	Beds
Del Bello House	4317 Del Bello	Manvel	TX	77578	6
Highland Group Home	1304 Highland	Alvin	TX	77512	6
Oak Tree	1811 Oaktree circle 1117	Pearland	TX	77581	6
Somerset Group Home	Chesterwood	Pearland	TX	77581	6
Sweetbriar Development Center	212 N. 14th Street	West Columbia	TX	77486	94
Tovrea	802 Tovrea	Alvin	TX	77512	6