

# Annex B

## City of Weston Lakes Emergency Management Implementation Plan Critical Infrastructure

1. Purpose: To provide an overview and description of the City designated Critical Infrastructure facilities, locations, and importance to the well being of the City and its citizens.
2. Situation:
  - a. General: City and community life in Weston Lakes is served by two water companies, one public and the other private, one commercial establishment that provides entertainment, recreation and food service, one telephone company, a gas company, and one electric infrastructure provider. The loss of any of these capabilities or facilities would have a devastating impact on the ability of the population to continue to reside in the city until such services were restored. The threat of loss is considered low as a result of terrorism, vandalism, or other deliberate attempt to damage or deny the service to the city. The threat of loss from an accident, weather event, or other potential disaster is considered medium to high. Hurricanes and tornados frequent the Texas Gulf Coast areas and Weston Lakes is vulnerable to damage and disruption as a result.
  - b. Specific:
    - Water Facilities
      - Fort Bend MUD 81. Fort Bend MUD 81 has xx locations within the City of Weston Lakes. The MUD has two wells and a waste water treatment plant under their authority and responsibility. The locations are shown on the annotated map at Appendix 1.
      - Aqua Texas. Aqua Texas has xx location within the City of Weston Lakes. Aqua Texas has one well and a waste water treatment plant under their authority and responsibility. The locations are shown on the annotated map at Appendix 1. There are no emergency cross connects between the MUD water system and the Aqua Texas water system.
      - Country Club. The Country Club has one water well location within the City. It is used primarily for the drawing and pumping of water into Pecan Lake for the purpose of replenishing the water in the lake which is used to provide irrigation to the golf course. Although not integrated into the water system of the MUD it could be used in an emergency as back up. Its water quality is acceptable but not as good as the primary wells used by the MUD.
    - Telephone Facilities: The telephone facilities in Weston Lakes consist of the fenced switching building in the right of way on FM 1093. That facility along with the switching pedestals throughout the city are all considered critical but of lesser sensitivity that the switching building on FM 1093. Specific locations are shown by annotation on the map at Appendix 1.

AT&T is our telephone infrastructure provider and has sole responsibility for the provision and restoration of service.

- Gas Facilities: There are no central controlling natural gas facilities within the City of Weston Lakes. All homes within the gated portion of the city have natural gas provided by Center Point Gas Company through underground gas lines through easements and terminated at the homes' gas meters. A gas line break or leak would be a concern and could require evacuation the likely hood of that occurrence is small. There is not focal point that could be damaged by natural or unnatural event; therefore there are no critical infrastructure facilities. Gas main or line leaks must be reported immediately to Center Point Energy the gas infrastructure provider for either repair or restoration of service. The City will take whatever emergency action is necessary to facilitate either the protection of life and property or the restoration of service.
- Electric Facilities: There are no electrical critical infrastructure facilities within the City of Weston Lakes; however power lines as annotated on the map at Appendix 1 are critical to the provision of power to the City. The homes within the gated community have underground service limiting the vulnerability to downed power lines and transformer damage; however lines that pass through and to the City are indeed vulnerable to wind and lightning damage. Additionally the overhead lines and the pole mounted transformers supporting the Bowser road section of the City are very vulnerable to wind and lightning damage. Restoration of power and repair of lines and transformers are solely the responsibility of Center Point Energy the infrastructure owner. The City along with individual customers will report outages, damages, down lines, and other power interruptions to Center Point for action. The city will facilitate the response if appropriate.
- Country Club Facilities: The Weston Lakes Country Club represents the only community available facilities for the potential location of emergency response facilities. As such, they become critical for the ability of the City to organize and respond to all potential hazards that could impact the city. The facilities include the main club, the Welcome Center on FM 1093, the parking lot, and the golf course maintenance areas.

3. Locations: See Map (limited distribution)

4. Security: There is no security other than perimeter fencing at the water and water treatment sites. There is shared access at the MUD primary site which is shared by the POA and Golf Course Maintenance personnel. Fuel is stored at the primary MUD site for back up generation for the MUD water and sanitation systems. POA and Golf Course store supplies, materials and fuel as well. There are no security systems enhancing the perimeter fencing. Lighting is provided at all sites. Aqua Texas sites also have no security other than the perimeter fencing. The telephone switching building is protected by 8 foot chain link perimeter fence and lighting.

5. Actions to be taken in emergency situations:

a. Water service disruption and water related emergencies will be responded to by the Fort Bend County MUD 81 and Aqua Texas based upon the location of the emergency situation. In the event of a life threatening situation the Fort Bend Sheriff and/or Emergency Services District resources will respond.

b. Electric service disruption response is a responsibility of Center Point Energy and recovery of services will be undertaken by Center Point recovery crews. A downed wire will be cordoned off by first responders and the site secured until electric recovery crews arrive.

c. Gas leak, explosion or service disruption will be responded to by Center Point Gas and they will undertake recovery actions. In the case of an explosion or severe leak emergency responders from the ESD and the Sheriff will provide first response and security of the area. In the case the area must be evacuated the first responder will assume Incident Management responsibilities and coordinate with the City to order and effect evacuation.

d. Hazardous material or chlorine gas leak will be responded to by the agency responsible for the event and recovery will be their responsibility. Emergency first responders from the ESD will take charge as the Incident Manager and in coordination with the Mayor order the evacuation of individuals in the immediate vicinity and downwind of the gas or in the immediate area of the spill.

#### 6. Points of Contact

- Fort Bend MUD 81
- Aqua Texas
- Center Point Electric
- Center Point Gas
- Country Club
- ATT
- ESD
- Fushear/Simonton Fire Department
- Sheriff's Department

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Approved for implementation:

Mary Rose Zdunkewicz  
Mayor, City of Weston Lakes

Attest

City Secretary