

CITY OF WEST UNIVERSITY PLACE

FACILITIES VULNERABILITY REPORT

MAY 2021

PGAL

WEST UNIVERSITY PLACE
MUNICIPAL BUILDING

P O L I C E

PUBLIC REPORT

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EXECUTIVE SUMMARY

The City requested a review, along with recommendations to the City, on facility conditions and vulnerabilities for certain facilities and/or properties owned by the City. This document will identify and make recommendations to mitigate identified facility vulnerabilities. The condition assessment can be found in a separate document titled "Facilities Condition Assessment + Recommendations Report dated May 2021.

The goal of the Facilities Vulnerability Report is to identify vulnerabilities that exist at the City's currently facilities and recommend possible solutions. This will enable the City of West University Place to continue to provide continuity of service to the citizens of West University Place at a service level established by the City Council.

This plan covers all City of West University Place departments and includes the following existing City buildings:

- Municipal Building
- Public Works Administration Building,
- Public Works Operations Building and Technology Outbuilding
- Public Works Water Storage Facility at Wakeforest
- Public Works Water Storage Facility at Bellaire,
- Public Works Wastewater Treatment Plant/Animal Kennel
- Public Works Maintenance Facility
- Library
- Community Building/Senior Center
- Recreation Center
- Colonial Park Pool Facility
- Scout House

IDENTIFICATION OF THREATS AND VULNERABILITIES

All facilities face a certain level of risk from both nondeliberate and deliberate threats. These threats are associated with natural events, accidents or intentional acts. The first step in risk management is to identify the threats to facilities and building users. The most common types of threats to facilities and users are as follows:

- 1) Assault
- 2) Theft & Burglary
- 3) Vandalism
- 4) Natural Disasters
- 5) Terrorism

These threats include categorized into two primary sources, man-made and natural. Man-made threats can be further sub categorized into two types, nondeliberate and deliberate.

NONDELIBERATE MAN-MADE THREATS

- Vehicle Intrusion
- Instantaneous Assault
- Fire
- Loss of Power or Utilities

DELIBERATE MAN-MADE THREATS

- Vehicle Intrusion
- Vandalism
- Theft
- Planned Assault
- Data Breach/Virus
- Fire
- Loss of Power or Utilities
- Shooter
- Blast
- Terrorism: Blast, Chemical/Biological, Plane Crash

NATURAL DISASTERS

- Extreme Weather: Hurricane/Tornado
- Wind Damage/Blown Debris
- Flooding
- Earthquake



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