

# Citizens Emergency Management Advisory Committee Report (CEMAC)

05.07.2021

City of Woodcreek  
41 Champions Circle

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### Hydrant Water

The functional water hydrants located throughout the city, support both line flushing and firefighting and should provide at least a minimum flow of 250 gallons per minute (GPM). Most hydrants will fall in the range of 800 to 1000 GPM. The hydrants are tested and flushed every year by Aqua Texas. They are painted black because they do not technically meet all of the requirements of a fire flow system, such as 1000 GPM for two hours. This requirement alone would drain the entire water storage in the tower. If the hydrant GPM flow is too low during a firefighting event, water will be extracted from the hydrant and passed through the fire truck's booster pump. A memorandum of understanding (MOU) between Aqua Texas and the Wimberley Fire and Rescue (WFR) states that WFD will accept whatever pressure and flow exists at a hydrant. This is a common legal arrangement between Texas private water systems and volunteer fire departments. A fire department annex is located within 2 miles of the city and the fire department's Public Protection Classification is a 5, which is a good rating.

## Appendix

### D. Woodcreek Ordinance Chapter 51- Fire Hydrants

§ 51.01(C) Minimum requirements. A utility providing service in a residential area located in the City of Woodcreek or the City's ETJ must maintain a minimum sufficient

water flow and pressure to fire hydrants. In addition to a utility's maximum daily demand, the utility must provide , for purposes of emergency fire suppression.

**§ 51.01(C)(1)** a minimum sufficient water flow of at least 250 gallons per minute for at least two hours; and

**§ 51.01(C)(2)** a minimum sufficient water pressure of at least 20 psi.