

Water Distribution System Maintenance

City of Orange City
Utilities Department

Annual Fire Hydrant Testing and Maintenance Program

November 01, 2020 – November 30, 2020

Orange City Utilities Department will be conducting its annual hydrant and valve maintenance for fire protection.

During this time, Utility crews will be testing all hydrants on the City of Orange City's Water Distribution System (see interactive map). Private hydrants will not be included in the City's testing and maintenance program.

The City's hydrant testing and maintenance is designed to capture static and flow pressure readings, as well as to identify any defective fire hydrant within the distribution system. Hydrant inspection and maintenance also include lubrication, painting, and removal of vegetation that would obscure the fire hydrant during a fire emergency.

The annual fire hydrant testing and maintenance program is designed to comply with ISO National Fire Protection standards.

Web link

<https://orangecitygis.maps.arcgis.com/apps/webappviewer/index.html?id=a0a18c4eaa8a4febb0a3c32f2281915d>



Orange City Utilities Department will be conducting our annual hydrant flushing and testing program. During this time, Utility crews will be flushing all hydrants on the City of Orange City's Water Distribution System. Water users may experience reduced water pressure and/or discoloration. While your water will be safe for consumption, should you notice any discoloration of your water, we recommend that you run your household faucets (starting with your outside spigot) for several minutes. This should help clear up any discoloration and result in the water running clear.

How will I know when my area is being flushed?

- You will see a sign in your area.
- Or you may receive a letter.

Why are hydrants flushed?

Hydrant flushing is necessary to test the hydrants to make sure adequate flow and pressure is available for fire protection and to identify any malfunctions of the hydrant and related valves. Flushing is also done to remove sediment from pipes in order to maintain water clarity and quality in the distribution system.

Why is my water brownish/rust/tea-colored from the hydrant flushing? Is the water safe?

When a hydrant is opened, the water in the mainline will flow out at a high velocity. This creates a scouring action in the pipe and dislodges the sediment particles that may have accumulated in the pipe. The sediment then mixes with the water, turning the water a cloudy or rusty brown color. There is no health hazard associated with the discolored water.

What should I do when City crews are flushing hydrants in my area?

Residents should avoid using their dishwasher and washing

machine. Also, do not turn on the faucets within the household while City crews are flushing within your area. And, if you are driving in the work zone, please drive carefully.

Who do I call for more information pertaining to the Flushing Program?

For additional information pertaining to the Hydrant Flushing and Testing Program you can contact Customer Services at (386) 775-5444.