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Allen County Combined Health District

TO HOMEOWNERS TESTING SANITARY SEWER **(When permitted by manufacturer)**

Before calling for an underground or second rough-in inspection, you must apply air to the sewer system. 5 PSI is needed at the time of inspection, holding for a period of 15 minutes.

Listed below are the following steps to perform this test:

1. Plug all openings in your sewer system using mechanical test plugs, fernco caps, glue knockout test plugs or caps & inflatable test plugs.
 2. Make sure your roof vents are capped off. All openings are to be capped off if you have a lift station.
 3. Now air needs to be forced to the system. A testing gauge needs to be made with a 'shraider valve' in order to determine if you have **5 PSI** of air in the system. (Refer to drawing shown below) You will need a simple gauge that reads 0-15. The most effective way to put air in the system is with an air compressor.
 4. If the system does not hold air, it could be due to one of the following reasons: leaking in joints, cracked pipes, test plugs, opening not capped off, or test gauge is leaking. A spray bottle filled with soapy water will help determine where the problem is. It will create bubbles around any opening. If this occurs, repairs will need to be made and begin process all over again. **System should hold 5 PSI for at least 15 minutes.**
 5. Once step 4 has been successfully completed, the plumbing inspector can be called for an inspection.
 6. Do not allow air pressure to pass 5 PSI, as it could damage plumbing or cause bodily harm. Use safety precautions when performing this test.
- You also may plug off system as directed above and perform a 4" vacuum test instead.

The code for this requirement is under Section 3.12 'Test and Inspection', 312.1- 312.4, safety precaution when doing this test.

Drainage and vent water test on underground only.

A water test shall be applied to the drainage system either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed except the highest opening. The system shall be filled with water to the point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest opening of the section under test, and section shall be filled with water, but no section shall be tested with less than a 10 foot head of water. The water shall be kept in the system, or in the portion under test, for at least 15 minutes before inspection starts.

If a re-inspection is necessary due to faulty or improper plumbing under Section 2.07, such person shall be charged a \$50.00 re-inspection fee as adopted by the Board of Health.

Plumbing Inspectors are in the office between 8:00- 9:00am, 1:00- 2:00pm, and 4:00- 4:30pm, Monday through Friday.

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