

Should I be home during the smoke testing?

You are not required to be at home during the smoke testing. If you will have pets at home, keep in mind that the smoke is not harmful to animals. However, it is advised that you open several windows for ventilation in the event that smoke does enter your home.

How much area is being smoke tested?

City of Superior will be testing 32 sewer line segments (7,273 feet) over the next 1-2 days. Signs will be placed along the roadways near the testing site.

When will the test occur?

Smoke testing is scheduled to occur on the date specified on the previous page. However certain weather conditions may cause a delay in the testing.

If smoke gets into my house/building, how long will it take to dissipate?

This depends on how much smoke enters the building, and how much ventilation you can provide. Usually the smoke is gone within 15 to 20 minutes.



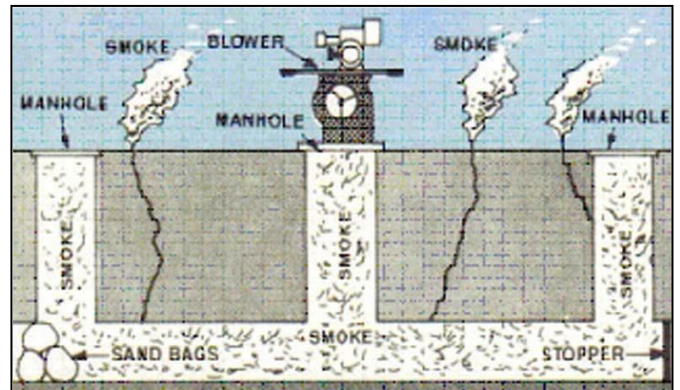
All public safety authorities have been notified. The technician leader and City workers will be available to answer questions. If you are present during the test, please contact the crew if any smoke enters your home or building. If you are away during the test and discover smoke in your house upon returning, call the number provided.

For further questions or other information, contact the City of Superior Environmental Services Division of Public Works at (715) 394-0392.



**Environmental Services Division
Public Works Department**

Notice of Smoke Testing



**For Information Call the
Environmental Services Division of
Public Works at
(715) 394-0392**

Beginning on **August 1st through August 2nd**, dependent on weather conditions, City workers will be conducting sewer system tests in your neighborhood. **If wet weather persists, smoke testing will be rescheduled.** They will be blowing a harmless simulated white smoke into the sewer system to find cracks or other sewer defects, which may need repair. Location and repair of such defects are essential to the economical and safe functioning of Superior's sewer system. The test will last approximately 30 minutes in each location.

How does this affect me?

As a result of the testing, simulated smoke may be seen coming from manhole covers, storm drains, roof vents, and building foundations. The smoke will not enter your home/building if it is properly plumbed and all of the fixture traps contain water.

To minimize the likelihood of smoke entering your home/building, pour one gallon of water into any basement floor drains and unused sinks, tubs, and showers to fill the P-traps of your drains.

If there are people who are immobile or have respiratory ailments in your home/building, please notify the Environmental Services Division at the number provided on the front. The Material Safety Data Sheet for the simulated smoke is available upon request.



What do I do if smoke enters the building/house?

Smoke is NOT expected to enter your premises. If it should, however, please observe the following:

1. DO NOT become alarmed.
2. Open doors and windows to ventilate your premises. Cover the source of smoke with a wet towel. The smoke should clear out rapidly once the building is vented.
3. Immediately report any smoke in your premises to the City crew conducting the test, or by calling the Environmental Services Department at the number below.
4. If smoke enters your home/building, dangerous sewer gases might also be entering your home or building. You may have dry drain traps or

improper plumbing. It may be necessary to have a licensed plumber inspect your house's plumbing.

How does the smoke test work?

Smoke testing involves blowing a non-toxic low pressure white smoke into the sewer lines, through a manhole structure. Pressure will cause the main line and any connections to fill with smoke, while also sending smoke through any leaks in the sewer to the surface. City of Superior crew members will be searching the testing area for this smoke exiting the ground, which could imply a sewer system defect.



Do not be alarmed if you see smoke exit your rooftop sewer vents as seen in the picture above. This is completely normal.

How might the smoke enter my house/building?

Since plumbing fixtures in your home or building are connected to the sanitary sewer system, there is the potential for the smoke to enter if the drains are not connected properly. This happens particularly under the following circumstances:

- The vents connected to your building's sewer pipes are inadequate, defective or improperly installed
- The traps under sinks, tubs, basins, showers and other drains are dry, defective or improperly installed
- The pipes, connections, or seals in the wastewater drain system in and/or under your building are damaged, defective, have plugs missing, or are improperly installed

Is the smoke testing dangerous?

No danger of fire or explosion of sewer gas exists with the smoke testing process. The simulated white smoke is non-toxic and non-irritating to throat and eyes, and has no effect on animals or plants. Further, simulated smoke will not stain walls or furniture and leaves no residue.