

# Sewer Safety (Smoke) Testing Information

(Daim ntawv ceeb toom ntsuas cov pa tawm hauv tog raj hlaus loj hauv qab qhov av)

Yog hais tias koj hais lus Hmoob thiab koj tsis to taub tsab ntawv no, hu rau tus txhais lus ntawm (651) 266-6234.  
Nws yog pab dawb zwb.

Si necessita un traductor, por favor llamanos al (651) 266-6234. No costo.

## Sewer safety testing is happening in Saint Paul this summer:

From early July through end of October, S.E.H a contractor working for the Saint Paul Sewer Utility will be conducting sewer safety testing (otherwise known as smoke tests) on the sanitary sewer system in certain neighborhoods in Saint Paul (see the enclosed map for smoke testing areas). Weather permitting sewer safety smoke testing will begin July 5th. Testing typically occurs during weekday hours. Impacted residents will be notified approximately 2 to 3 days before testing of the sewer system takes place in their neighborhood. The testing is anticipated to conclude by October 28.

## Why do we test our sewers?

The purpose of smoke testing is to find defects and faulty connections where excess rain water (*Inflow*) and groundwater (*Infiltration*) can enter the sanitary sewer system, negatively effecting its economical and safe functioning. Illegal Inflow sources/connections include: sump pumps, roof and foundation drains, and storm drain cross-connections. The information gained from smoke testing will help the City find and eliminate unknown sources of Inflow and Infiltration (I/I) entering the sanitary sewer system. Reducing I/I is an on-going City effort to help:

- **Comply with the Met Council Rules.** The Metropolitan Council of Environmental Services (MCES) may add a demand charge to Saint Paul's wastewater treatment bills if the excessive I/I is not removed from the system.
- **Maintain Health & Safety** (*Reduce the Risk of Sewer Back-ups and Sinkholes*).
- **Extend the Service Life of Public Infrastructure** (*Lift stations, sewer pipe, etc.*)
- **Reduce Wastewater Treatment Costs by reducing the amount of clear water that is treated.**

## Building Managers/ Property Owners/ Residents Information:

1. For those located within the Smoke Testing Project Area: Access to building roof tops may be needed for city and/or contracted staff to document the simulated smoke emissions from buildings (City Legislative Code 76.13).

2. For those located within the Mailing Area (see enclosed map):  
Before July 5th please fill unused fixture traps and floor drains with water (at least 1 gallon for each).

3. *If there is an individual in your building, business, or residence who has respiratory problems and/or mobility limitations please contact the S.E.H at (612)219-4231, before June 20, 2016.*

Yog tias hauv nej lub tsev los yog ntawm nej thaj chaw ua hauj lwm muaj tus neeg mus tsis taus kev los yog xiam hoob

qhab los yog lwm yam thov nej hu tuaj qhia rau peb ntawm S.E.H (612-219-4231).

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**Need more info?** Call us at 651-238-0572.

## Important Information about Smoke Testing

### **Process:**

- Simulated smoke will be injected into the sewer system. As a result simulated smoke may be seen coming from manhole covers, storm drains, roof vents, and building foundations.
- After each setup the smoke test will last approximately 30 minutes.
- Photographs will be taken to document potential leaks/defects.
- Inspection crews will not need to enter buildings, unless to gain access to building rooftops.
- Faucets and bathroom facilities can still be used during smoke testing.

### **Tips to prevent smoke from entering your building (*complete prior to test*):**

- **Run water faucets for a few seconds in unused sinks, tubs, and drains to fill fixture traps.**
- **Pour water into each floor drain (at least 1 gallon)**
- If you have defective plumbing (i.e. no trap), you should consult with a licensed plumber.

### **If you notice smoke in your building:**

- **Do NOT become alarmed**
- Open doors and windows to ventilate the premises to clear smoke.
- Contact the Smoke Testing Crew Chief, @ (651) 238-0572.
- Simulated smoke will not stain walls or furniture; nor will it leave a residue.
- Consult a licensed plumber in the near future to identify the smoke access area, as the potential exists for sewer gases to enter the building in the same manner.

### **Safety/ Health Issues:**

- There is **NO** danger of fire or explosion of sewer gas with the smoke testing process.
- St. Paul Police and Fire Departments will be notified of the smoke testing.
- **Simulated smoke is not harmful to your health, but may cause some coughing.** Smoke irritation is temporary and should disappear after exposure has ceased. When possible avoid unnecessary exposure to simulated smoke.
- The smoke is not harmful to pets, but it would be a good idea to leave several windows partially open for ventilation, should any smoke enter the building. If you have proper plumbing connections and all of the drain traps have water in them, there should not be any problem.
- ***If there is an individual in your building, business, or residence who has respiratory problems and/or mobility limitations please contact S.E.H at (612) 219-4231, before June 20, 2016.***
- A copy of Material Safety Data Sheet (MSDS) for the simulated smoke can be found on Saint Paul's Home website page ([www.stpaul.gov](http://www.stpaul.gov)) under the headings of Government/Departments/Public Works/ Sewer Utility Division/ Smoke Testing.

**For Questions Before Testing – Please Contact Saint Paul Sewer Utility**