

# Nerie Construction, L.L.C

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3213 Fuqua St. Houston, TX 77047

Ph. 281-996-5551 | Fax. 346-319-5172

## Notice of Smoke Testing

### Sanitary Sewer & Manhole Rehabilitation, Phase 2 & 3

#### Within Clear Brook City Municipal Utility District Sageglen, Highland Meadow, Wood Meadow I & II

Dear Resident:

We are currently working on rehabilitating the existing Sanitary Sewer Service connections in your area. This work is being done to rebuild and improve the sanitary sewer systems in your neighborhood. We will be smoke testing the sewer lines will begin on November 5, 2019 AT 9:00 AM. This will help to identify any potential points of inflow and infiltration in the public portion of the sanitary sewer system. The contractor will place a front door hanger reminder at your home 48 hours before testing will begin in your area.

Smoke will be added to the sewer manholes. You may see white smoke coming out of your roof vents. Do not be alarmed as this is normal. The smoke is **nontoxic** and will disappear rapidly without leaving an odor. If smoke enters your house, please open the windows to allow for ventilation. The smoke will clear within a few minutes.

This process will take approximately 5-10 minutes to complete. Workers will have ID badges on their shirts. They will be moving from house to house to get a visual of any sewer pipe leaks.

We ask that after you receive this notice, to please check to see that all drain traps under sinks and in bathtubs, washing facilities and floor drains contain water. This will include seldom used bathroom fixtures and floor drains. Please run water down the drain for a minute or two to ensure the trap is not dry.

Should you have any other questions please do not hesitate to call our office. Thank you for your cooperation.

Sincerely,

Jason Nerie  
Project Manager  
281-996-5551 Office  
281-733-3388 Mobile

Or email us at [comments@nerieconst.com](mailto:comments@nerieconst.com) cc: [cganje@cbcmud.com](mailto:cganje@cbcmud.com) to better assist you.

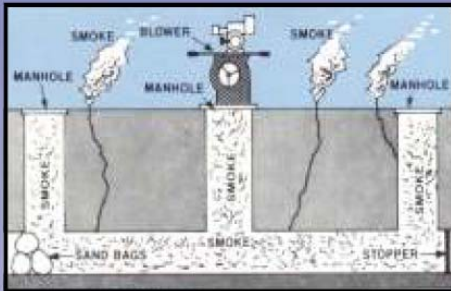
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## THE SUPERIOR SMOKE TESTING TECHNIQUE

High readings on treatment plant flow gauges immediately following rainfall is a positive indication of storm/surface water inflow. Smoke testing is the fastest, most economical and positive means of locating sources of inflow in sewer collection systems. Elimination of these sources as required by law, will improve treatment plant operations – and correct problems of overloading which are a major contributor to pollution of water resources.



*The Superior Smoke Testing technique is a fast and easy way to quickly identify...*

- Leaks permitting storm/surface water intrusion (inflow)
- Connected roof and cellar drains
- Cross connected sanitary and storm sewers
- All connected lines, including abandoned and supposedly unconnected lines
- Leaking manholes
- Yard and foundation drains
- Sump pumps

## PROCEDURE

As illustrated on the previous page, usually two sections of line (600-800 ft.) are tested simultaneously, with the smoke being introduced through a centrally located manhole. Blocking the far side of the upstream and downstream manholes is only necessary when isolating a section of line. The smoke under pressure will quickly fill the main plus all connected lines, and follow the path of least resistance. It will flow through all openings to the surface, revealing the location of the faults. Invariably, the fault will be found at the site or within a few feet of it. Only enough pressure to sufficiently overcome atmospheric pressure is required.

Smoke tests are effective regardless of surface, type of soil, or depth, provided openings exist for the smoke to follow. For example, it is not uncommon to see smoke exiting from cracks in paved surfaces, showing points of surface water entry.