



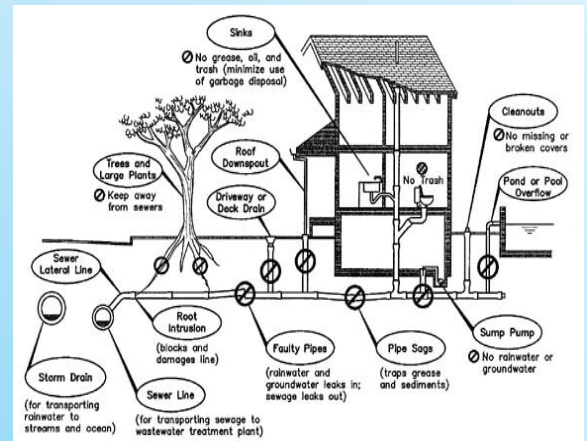
Wastewater Inflow Abatement Technologies & Services



Smoke Testing

Smoke Testing will find:

- Root Intrusion
- Pipe Sags
- Driveway or Deck Drains
- Sinks with dry P-Traps
- Faulty Pipes
- Roof Downspouts
- Cleanouts with missing or Broken Covers
- Pond or Pool Overflows
- Stormwater Crossovers

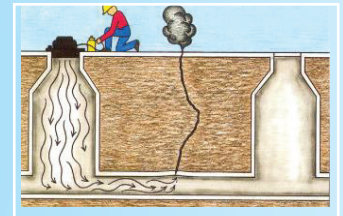


Communication: Utility to provide USSSI with emergency, fire, and police contact information. USSSI will notify Emergency and Utility Staff, pertaining to dates, times, and locations of smoke testing program

Equipment: USSSI uses a motorized smoke machine with a non-toxic, liquid smoke that is safe and will not leave a residue. During testing, smoke is forced through the wastewater collection system which reveals breaks and defects. Following testing, fresh air is forced through the collection system.

Pre-Testing: USSSI will print and distribute a smoke testing “Door Hanger” notifications to all homes and business locations, which may be affected during smoke testing. This step is conducted a few days prior to testing. Smoke testing of all collections systems may affect occupants of buildings connected to the line being tested. Factors such as defective sewer systems in the building, dry traps, defective wax beneath toilets, terminated

vents or breaks; missing or unsealed cleanouts of any kind will cause smoke to enter the building. It is imperative to avoid panic or alarm if workers or residents suddenly see smoke in their building.



Testing: USSSI smoke testing is conducted with a minimum of three fully trained company technicians. One technician remains with the smoke equipment, while two or more technicians look for and record any defects in the lateral lines.

Reports: Clients are provided digital detailed reports of Smoke Testing in pdf, csv, kml, xls, and shapefile. format. The report consists of an Aerial Photograph and Detailed Map of Testing Area. Call-outs indicate breaches in system. Also included with report are the GPS locations, detailed descriptions and color photographs of each defect.