



Orange Village Service Department

4680 Lander Road
Orange Village, OH 44022
440-498-4403

Orange Village would like to provide you with basic sewer information to assist you in better understanding your sewer systems. Please take a moment to review and note who to contact if you have issues

There are two types of sewer systems located in Orange Village that serve residents and businesses. The first is a storm sewer the second is a sanitary sewer. It's important to understand the difference between these systems and how it impacts you and the environment. See drawings below provided by the Cuyahoga County Board of Health.

STORM SEWERS

A storm sewer system is designed to carry rainfall runoff and other storm drainage that is essentially located outside of your home. Items such as gutters, yard drains, pond overflows, footer/foundation drains is carried off in underground pipes or open ditches which carry natural untreated water to local streams, rivers and other surface water bodies. The only normal exception to this is when a home or business elevation requires footer drains that dump into a sump pump located in a home and then pumps the water up to a discharge into a storm sewer pipe, ditch or as surface water onto the yard. If you have issues with storm sewers you should contact the Service Department at 440-498-4403

SANITARY SEWERS

A sanitary sewer is a system of underground pipes that carries sewage from bathrooms, kitchens and other plumbing components to a wastewater treatment plant where it is filtered, treated and discharged as clean water. Floor drains in garages and basements are included as part of the sanitary sewer.

It is essentially anything that drains water located inside your home or business with the exception of a sump pump. Orange Village has two treatment plants that serve our residents and businesses. Please contact the company that bills you for your sewer fees. Generally speaking, Orangewood, Orange Tree, Waterford Ct., Cambridge Ct., Oxford Ct., Landerwood Glen and Orangeplace North is served by Woodbran (216-831-1070). Miles Rd., Villas of Orange, Stonebrooke, Orangehill, Lakes of Orange and a limited number of homes on Brainard rd. is served by the Cuyahoga County Department of Public Works (216-443-8201). Woodbran serves as a private entity, much like a utility company while the Village has an agreement for service with the Department of Public Works.

In some areas in Orange Village we still have septic systems. A septic system is basically your private sewer treatment plant. The sanitary waste in your home drains into a septic holding tank where solids collect and water is separated out and put into a second tank.

The second tank discharges the water as approved and permitted by the Cuyahoga County Board of Health for your system. The Village does not inspect or approve private septic systems. Please contact the Board of Health for any septic related questions, permitting and installation approvals. See drawings provided by the Cuyahoga County Board of Health

DO'S, DON'TS AND INFORMATION:

Disposal of chemicals or hazardous substances should "never" be discharged into a storm sewer system. Motor oil, cleaners, paints and other common household items that get into storm drains can poison fish, birds, and other wildlife and can find their way into drinking water supplies and cause environmental issues.

Normally both types of systems have a "cleanout" located in the yard. This is a pipe that allows access to view, inspect, test, video and jet you're sanitary or storm line. These should be accessible, visible and never buried unless you can provide detail to exactly where they are located. More importantly these cleanouts allow entities to troubleshoot problems in both systems

Never tie gutter drains or yard drains to a sanitary or septic system. Flooding potential is highly increased by water volume and obstructions which can flood your home or business. This applies to footer drains and sump pump drains as well. Generally speaking, sump pumps cannot keep up with the volume of water produced by gutters and yard drains that drain into the sump

Periodically have gutters cleaned and inspected. Remove blockages, leaves and repair as needed.

Septic systems should have a regular cleaning and inspection schedule. These systems have pumps, level alarms, and valves that need regular maintenance and exercising to maintain ideal performance. Please contact the Cuyahoga County Board of Health for any septic related questions

Never tie both systems together or cross connect one into the other. A cross connection is when you tie a storm sewer into your sanitary sewer or vice versa. This will greatly increase your chance of basement flooding. Also excessive storm sewer water into the sanitary system can overload the treatment plants creating flooding potential. Periodically these sewer entities will complete smoke tests to discover homes or businesses that have cross connections. It will be your responsibility to take corrective action if you have cross connections

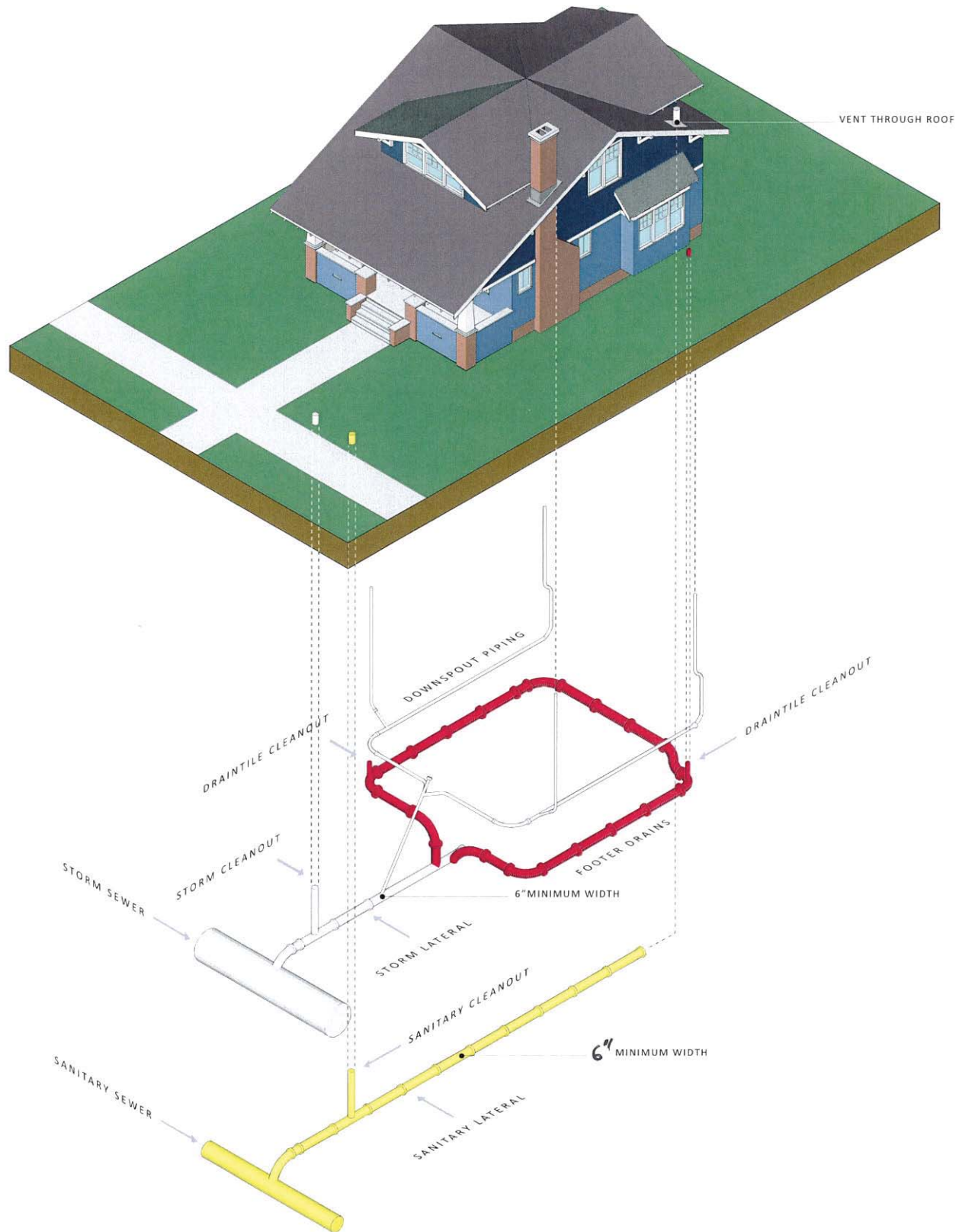
Backflow preventers may be installed to protect your home or business. This is a device normally placed on your sanitary line that allows waste water to flow from your home or business in one direction to the main toward the street and will not allow waste water to

flow back towards your home from the street into your basement during storm events. You should contact a plumber for information and as always they will need to be registered and secure permits through the Orange Village Building Department. These devices need periodic maintenance and you should be aware that the presence of a backflow preventer may complicate the ability to clean or service your piping in the future

Things change over time. Roots may infiltrate piping systems, pipes may break and settle, Blockages will occur from grease, raw food and other heavy solids flushed and washed down drains. Footer drains may become clogged and basement foundations may start to leak and may need pipes repaired, replaced and foundations re-waterproofed. Tree growth and installation of landscaping change topography and natural drainage. These are just a couple of examples of why after 20 years problems develop. If you start to experience even minor issues with either of your sewer systems, you should get them inspected or serviced. These may be early warning signs of problems developing in your sewer systems. Minor problems that go unattended may lead to major problems and increase the risk for flooding of your home or business.

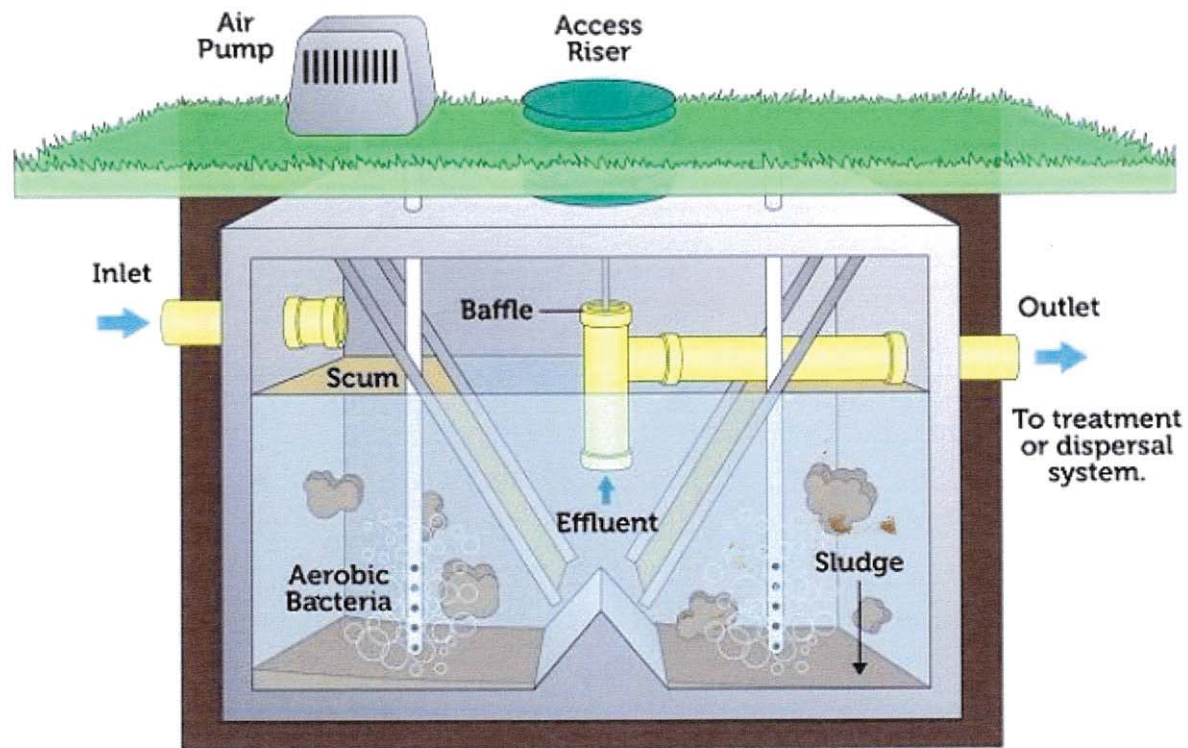
Understanding your systems and how they work along with some of the information provided will hopefully help. Also, as a reminder, all contractors are required to register with the Orange Village Building Department and may need to get a permit to complete approved projects.

Typical Storm Connection



This drawing is to display concept only and is not to be used for constructions purposes.

SEPTIC OR AEROBIC TREATMENT UNIT



Please note: The Aerobic Treatment Unit can vary in components and design