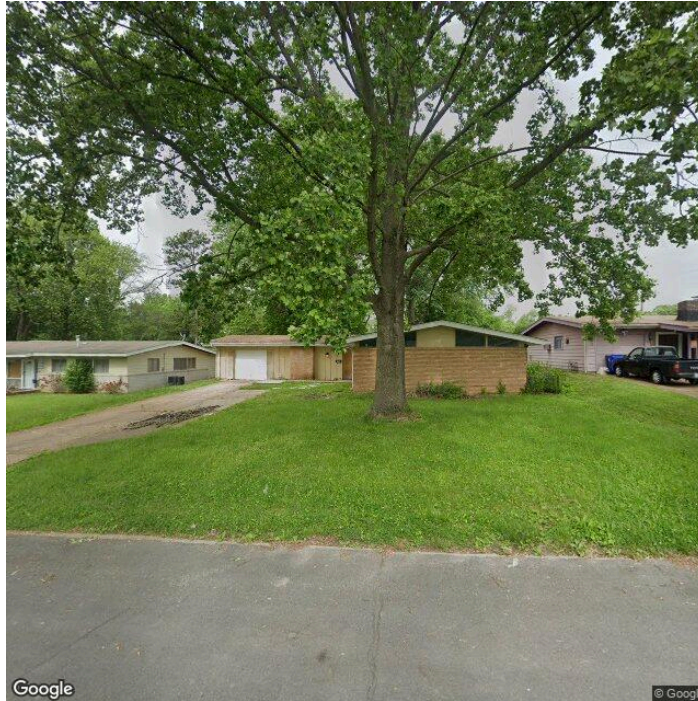




SUPERIOR SEWER CO.

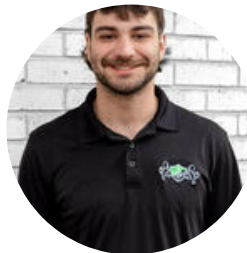
<https://www.superiorsewerco.com>



## SEWER INSPECTION



10/09/2025



Inspector



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# SUMMARY

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## RECOMMENDATION

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- ⊖ 2.1.1 Analysis of Main Sewer Line - Drain System: Corrosion / Scaling
- ⊖ 2.1.2 Analysis of Main Sewer Line - Drain System: Install Yard Vent - Unable To Reach Main
- ⊖ 2.1.3 Analysis of Main Sewer Line - Drain System: Root Growth - Clay Line (Annual Maintenance Recommended)

# 1: INSPECTION DETAILS

## Information

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### Weather Conditions

Clear

### In Attendance

Superior Sewer Co.

### Occupancy

Vacant

### Type of Building

Single Family

## 2: ANALYSIS OF MAIN SEWER LINE

### Information

#### Drain System: Sewer Lateral Access Location/s

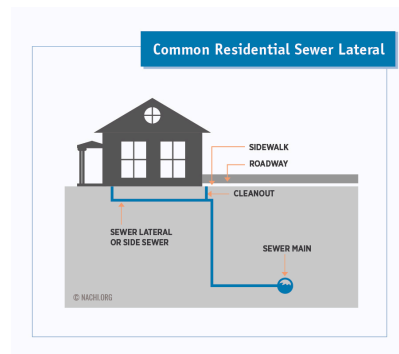
Roof



#### Drain System: Sewer Lateral Material

Cast Iron, Clay

All sewer line materials are not always identifiable.



### Observations

#### 2.1.1 Drain System

##### **CORROSION / SCALING**

There is cast iron build up altering the diameter of the sewer lateral line. This prevents proper flow, and increases the likelihood of a future blockage. In addition to the loss in diameter, scale build up can be hiding cracks and or breaks. We cannot comment on the structural integrity of the pipe beyond / behind the scale build up. We recommend descaling and re-camera by Superior Sewer Company.

#### Recommendation

Contact a qualified professional.



#### 2.1.2 Drain System

##### **INSTALL YARD VENT - UNABLE TO REACH MAIN**

Depth -10'

No yard vent was identified during the inspection. Due to the length and/or the amount of bends in the line, our camera runs out of reel or push leverage. It is recommended that yard vents are installed at least every 100ft for access to the sewer lateral line. We cannot comment on the structural integrity of the pipe beyond this location.

#### Recommendation

Contact a qualified professional.



2.1.3 Drain System

**ROOT GROWTH - CLAY LINE (ANNUAL MAINTANCE RECOMMENDED)**

The sewer lateral line will require scheduled maintenance, ensuring proper flow and function. This typically is due to light root growth in clay sections of the lateral line. Recommending a camera one year from now to re-assess root growth to determine if the line will need scheduled cleaning. No immediate service is recommended at this time.

Recommendation

Contact a qualified professional.



## 3: SEWER LATERAL DESCALING BID

### Information

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#### **General: Sewer Lateral Line Descaling Estimate**

Over time, cast iron sewer lines can accumulate significant scale buildup, leading to reduced flow capacity, frequent blockages, and potential damage. Our descaling process effectively removes these deposits, restoring the pipes to their original diameter and improving overall efficiency. By investing in descaling, you can extend the lifespan of your sewer system, reduce maintenance costs, and prevent costly emergency repairs. Our team uses advanced tools and techniques to ensure a thorough and safe cleaning process, giving you peace of mind and a smoothly functioning sewer system!

Please call us at Superior Sewer Co. [REDACTED] for more information.

**Includes Hydro Jet cleaning service to insure debris is clear throughout the line.**

**Free** Before and after video to complete initial inspection report.

# 4: VIDEO

## Information

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### 1) Sewer Lateral Video

Please **CLICK THE LINK** to watch the sewer line video inspection:

<https://www.dropbox.com/scl/fi/uk3ha3bq7e8bzvay0ki26/Video-Oct-09-2025-12-00-30-PM.mp4?rlkey=wbk1my79h74robppugttkcj5u&st=7tng3vfs&dl=0>

# 5: UNDERSTANDING YOUR REPORT

## Information

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### Overview

Superior Sewer Co. was retained for a survey of the building main sewer line in an effort to identify areas of suspect clogs or damage and to document the areas for further review. Further investigations of these areas or destructive testing may reveal additional conditions that were not readily visible at time of inspection. This report is based on information obtained at the site at the given date and time. We document our findings with videos and visual photographs of the areas. The purpose of any sewer scan service is to document problems in sewer lines. Our inspection is designed to comply with accepted industrial standards when at all possible and will be performed in a non-destructive manner, however at times destructive testing may be necessary. Prior to any destructive testing, the client will be notified and approval by the client prior to commencing additional testing. Our inspection is not meant to be a guarantee of all affected areas; only those that reveal themselves to our sewer camera, visual inspection and our experience. Superior Sewer Co. is unable to comment on the structural integrity of any cast iron plumbing lines. Cast iron pipe begins deterioration 25 years after installation.

This report is for the exclusive use of our Client and is not intended for any other purpose. The report is based on the information available to us at this time as described in the report. Should additional information become available at a later date, we reserve the right to determine the impact, if any, the new information may have on our discovery and recommendations and to revise our opinions and conclusions if necessary and warranted. We can make no representations regarding conditions that may be present but concealed or inaccessible during the survey. With access and an opportunity for inspection, additional reportable conditions may be discovered. Inspection of the inaccessible areas will be performed at an additional cost after access is provided.

### Orientation / Location

We will describe the locations of the various features of this property, left or right, etc., as though we were standing in street looking at the front of building or looking at it as the cover photo. All locates are approximate and should be remade by persons performing repair work to confirm exact location at the time of repair.

This report includes:

- Sewer inspection digital report with explanations and
- Individual report pages of all suspect wet areas.

### Analysis and Recommendations

We recommend that your maintenance team carefully review this report. Then, with reference to the imagery and areas denoted in the report, these areas should be physically located and given a thorough visual examination. When warranted, these areas should be subjected to a destructive investigation to confirm the analysis and determine the possible detrimental effects the blockage may have caused. We recommend a specialist conduct additional testing as needed to evaluate the reliability of system. Any destructive testing performed as authorized by the client must be repaired by others and is not considered in this scope of our work. Services such as interpretation of visual patterns documented in this report and any remedial and replacement recommendations should be performed by knowledgeable experts.

We recommend all areas we locate in this report showing blockage and other anomalies should be evaluated further to find out the cause and be repaired. Our recommendations are not intended as criticisms of the building, but rather as professional opinions regarding conditions that we observed.

We always recommend that on houses built before 1980, you cable lines annually as routine maintenance. This can help to reduce the likelihood of any blockages by removing debris, roots, or other build ups.

Our reports are designed to be clear, concise and useful. Please review this report carefully. If there is anything you would like us to explain, or if there is other information you would like, please feel free to call us as we would be happy to answer any questions.

# 6: GLOSSARY OF TERMS

## Information

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## Glossary of Terms

**Barnacles** - No, not the barnacles you'd find on a ship. It's just another name for tiny rust spots appearing on the pipes of your stack. These spots weaken the structural integrity of the metal and lead to leaks, or potentially something worse.

**Blockage In The Line** - A blockage in the line is restricting the ability to reach the main. A blockage in the line refers to debris, damage, or root build up limiting the flow of water and waste through the sewer lateral line to the city main connection.

**Bring To The Surface** - When a yard vent needs to be brought to the surface. Often yard vents are buried by landscape, grass, or debris. These access points are critical for viewing the entire sewer lateral line.

**Buried Clean Out** - A yard vent that is buried underground. Location of buried clean outs can be found using a locator. See "Bring To The Surface"

**Cable** - The process of clearing all roots and debris from the lateral line improving or returning flow of water and waste to the city main.

**Check Valve** - A one-way valve found in some lateral lines to prevent water from flowing upstream into the home. This one-way valve allows free flow from the home to the main. This is typically found in homes with a history of sewer backups or in a low lying area.

**Debris / Build Up** - A blockage in the line preventing proper flow. " See Blockage In The Line"

**Descale** - The process of removing scaling and corrosion from cast iron line. In cast-iron sewer pipes, corrosion deposits form naturally over time and attach to the pipe's inner walls through a process known as tuberculation. These deposits are also known as scale. Every time you flush the toilet, debris can get slowed down or even trapped by these deposits.

**Exterior Clean Out** - Access to the lateral line, usually found from removing the cap from the yard vent.

**Fernco Band** - A rubber flexible coupling used to hold plumbing joints together. "Fernco" is a product manufacture.

**Hydro Jet / Flush**- A high pressure water system used to remove build up and debris from the lateral line.

**Interior Clean Out** - Interior access to the sewer lateral line, usually found by removing the plug or cap from the main stack.

**Offset** - Two joints that do not align properly, preventing or limiting free flow to the sewer main.

**Pitch** - The slope in which the sewer lateral line flows away from the home to city the main connection.

**Plumbing Roof Vent** - Plumbing vents are pipes that extend from the waste pipes to the outside of the building, often going through the roof. The vent pipes allow the sewer gases to escape to the outside, rather than being released inside the house. The vent pipes also allow oxygen into the waste pipes. These vent locations may be used as access points to the sewer lateral system when no other access is available.

**Scaling** - In cast-iron sewer pipes, corrosion deposits form naturally over time and attach to the pipe's inner walls through a process known as tuberculation. These deposits are also known as scale. Every time you flush the toilet, debris can get slowed down or even trapped by these deposits.

**Sweep** - A sweep plumbing bend is a large radius elbow pipe fitting used in drain and vent lines.

**Toilet Collar / Closet Collar** - The toilet flange / collar, also known as a closet flange / collar, is the part of the toilet that secures the unit to the floor which connects to the drainpipe. An access point to the lateral line can be created by removing the toilet.

**Wye** - Connections to horizontal drain lines should be made with wye (Y) fittings. A point in the lateral line where two sections of the line connect.

**Yard Vent / Clean out** - The purpose of the stink pipe, as it is sometimes called, is to enable the pressure in your drain system to equalize. This vent may be used as an access point to view the sewer lateral line.



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# STANDARDS OF PRACTICE

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