



SEWER INSPECTION

Street Address

City, FL

Client Name

MAY 5, 2023



Inspector

Greg Suhre

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SUMMARY



MODERATE

⊖ 3.1.1 Qualitative Survey of Main Sewer Line - Drain System: Debris Build-Up

1: GENERAL INFORMATION

Information

Overview

National Property Inspections 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/or 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 industry 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.

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.

Comment key and definitions

Minor Concerns/Defects/Maintenance Items = This categorization will include areas or components that would benefit from basic general maintenance and/or may need minor work which may improve their functionality or may need further investigation to determine if defects are present. The areas covered under this categorization were, in the opinion of the inspector, still fully functional at the time of inspection.

Moderate Concerns/Defects = The area, while perhaps functioning as intended, is in need of **moderate** repair or service; or is showing signs of wear or deterioration that could result in an adverse condition at some point in the future, or considerations should be made in upgrading the area to enhance the proper function. Items falling into this category can frequently be addressed by a **qualified plumbing contractor** and are not considered routine maintenance or DIY items.

Major Concerns/Defects = The area noted poses a **major** concern to the sewer lateral and or main drain line of the building. These are areas that are noted as **NOT** functioning as intended; would require further evaluation by a qualified and/or licensed plumbing contractor, or can cause problems to the sewer lines. Areas that can be repaired to satisfactory condition may not need replacement.

Summary of findings:

We recommend attention to the items noted in this report. It should be understood that sometimes due to extent of debris or roots found, we are unable to fully access the line. We recommend further review of lines in these cases when cleared and the lines can be better accessed at that time. Due to the complexity of the sewer lines; there are times where the full drain can not be accessed. We are not a plumbing company. We do highly recommend that everything be double checked by a licensed sewer expert.

There may be problems in the video that are not listed in report. Problem areas may be shown in video; however photos may just be of one problem that continues to show again and again or something that did not photo well.

Analysis and Recommendations

We recommend careful 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 repaired. Our recommendations are not intended as criticisms of the building, but rather as professional opinions regarding conditions that we observed.

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.

Drain Pipes

WHAT TYPE OF DRAIN PIPES DO YOU HAVE?

There are 4 basic types of materials for sewer lines:

- Clay pipes - Commonly used from 1900-1974
- Orangeburg pipes - Commonly found in homes from 1937-1950.
- Cast Iron pipes - Used from 1900-1980
- PVC pipes - From 1980 to the present day

2: INSPECTION DETAILS

Information

In Attendance

Client

Occupancy

Occupied

Type of Building

Single Family

Weather Conditions

Clear

3: QUALITATIVE SURVEY OF MAIN SEWER LINE

Information

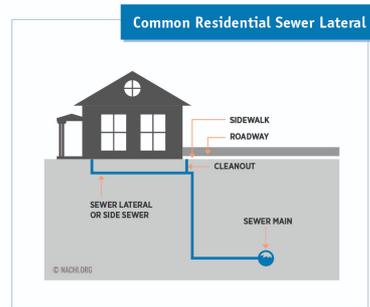
Drain System: Main Drain Access Location

Exterior Cleanout

Drain System: Materials Identified from Access Point

PVC

All sewer line materials are not always identifiable.



Drain System: Sewer Line Maintenance

It is typically recommended that a main sewer line/pipe should be cleaned every 2-3 years for removal of roots, debris, or build-ups, and to minimize the potential for blockages. The client should consider this a part of their routine maintenance on the property. As always, we recommend all work be performed by a qualified contractor.

Observations

3.1.1 Drain System

DEBRIS BUILD-UP

Moderate

There is debris buildup (appears to be rocks/shells) in the line that could lead to poor drainage or backups starting at the 5:44 mark which probably came from the cleanout seen at the 5:57 mark. Perhaps the cleanout cover was not secure and debris got into the line. We recommend having the pipe cleared by a qualified plumbing contractor if necessary and making sure any cleanout caps are properly secured and not damaged. It's possible the cleanout is buried and not visible. Hiring a plumbing contractor may be necessary.

Sewer050523



Copy link



Watch on  YouTube

Recommendation

Contact a qualified plumbing contractor.