

HOME LAND

ENVIRONMENTAL

Location	Inspector
624 W. 33rd Street Baltimore MD. 21211	Jason Jamison Environmental Inspector



Camera inspection was performed for the purpose of a real estate transaction. The camera was introduced into the system via the cleanout in the basement and ran to the public sewer main located in the alleyway. Approximately 20 gallons of water were introduced into the system with no backup occurring. This is a subjective and visual inspection only, based upon many unknown and unseen factors. This report does not WARRANT nor Guarantee continued functional sewer system operations. Payment and/or use of this evaluation signify understanding and acceptances of the above clauses.

Point of Access: Cleanout in basement. Distance to public sewer: ~35 Feet. Occupied: No. # of people: N/A. #of people of moving in: Unknown. Year built: 1915

Camera Sewer Inspection

***Cast Iron pipe- typically last 40-50 years. Is prone to pitting. Pitting is corrosion of metal that can cause holes and or deterioration to develop over time. Heavy pitting can cause clogging points.

***Standing water- Standing water in a sewer pipe can suggested that the sewer line is not pitched properly and is now level. All sewer lines should be pitched to allow liquid and waste to drain to the sewer main. A leveled pipe can cause water to collect in line making it drain improperly.

***Terracotta pipe: Installed prior to the 1980's is prone to cracks and breaks as it is composed of clay. Terracotta pipe come in sections of 4-6 feet section having bell and spigot joints. As these joints are rarely sealed the have the potential to have roots and or sediment infiltrate the piping.

***Root Intrusion- Roots infiltrate a sewer line in different ways depending on the composition of the pipe. Roots should not be present in a sewer line as they can cause clogs and or blockages. Herbaceous roots, from some shrubs and grasses, appear to be "nest like" and can fluctuate in size depending on season. Woody Roots are thick roots from trees and shrubs. These roots do not fluctuate depending on season. Roots are attracted to waste water as it is full of nitrogen and other nutrients. When roots are removed from a sewer line it is possible to find additional defects with the pipe that may causing additional remediation requirements.



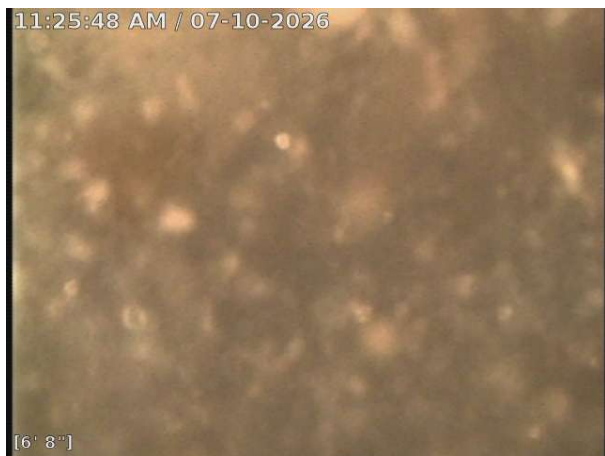
PVC cleanout in basement of 624 W. 33rd Street.

-1"



Start of cast iron sewer service pipe from cleanout in basement to sewer main in alleyway.

0"



Standing water in sewer service pipe with moderate solids collection occurring. This is a potential future clogging point.

6' 8"



End of standing water in sewer service pipe.

12' 9"



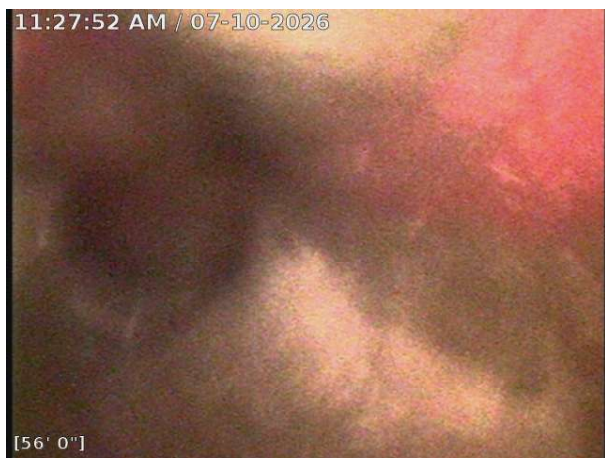
Change in pipe material from cast iron to terracotta.

22' 5"



Root intrusion in sewer service pipe. This a potential future clogging point.
This is located in the public right of way.

53' 5"



Left bend in sewer service pipe.

56' 0"



End of sewer service pipe at public sewer main located in alleyway.

57' 9"