



Sewer Consultants

High Definition Sewer Inspections

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Diagnostic Report:

Prepared for: SAMPLE
Property Address: SAMPLE
Inspected by: Charlie Clayton
Prepared on: 1/1/2018

Sewer camera inspection was performed on 1/1/2018 at 123 Sample Street. Sewer camera was run from the 4" plumbing cleanout located in the basement and a combination of PVC and cast-iron piping was observed. A separate 3" cleanout was present in the same area and the threads of both cleanouts were sealed with plumbers' putty, which is not recommended.

The cleanout itself made with PVC piping and transitions to cast-iron piping ~4ft from the entry point. The drain line is in fair condition until ~18ft. At ~18 ft, the drain pipes separate allowing waste to drain outside of the piping causing an unknown amount corrosion to the ground/soil. Inside the piping, excessive scale is present throughout the remaining area of cast-iron piping, from ~18ft to 31ft. At ~31ft, cast-iron piping transitions back to PVC. The drain line is bellying, or sagging, from ~30ft to ~38ft causing standing water and some backup. The remaining inspected portion of the drain line appeared to be in working condition. The camera was run its full length of 100ft and did not reach the city sewer connection.

The drain line is not operating properly and should be further evaluated by a licensed professional for repair or replacement. Cleanouts should be placed no more than 100ft apart, so we recommend installing an additional cleanout outside of the home. Cleanout caps are designed to be gas and water tight, so plumbers' putty should not be needed. Putty should be removed from both cleanout caps. If gas or smells escape, we recommend replacing the cleanout caps. From ~18ft to ~31ft, the cast-iron drain line needs to be replaced. We recommend replacing all cast-iron piping with PVC. The PVC piping between ~31ft to ~38 ft is also bellying and should be repaired or replaced as needed.



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Front View



Cleanout in Basement



Pipes Separated - ~18ft



Cast-Iron – Poor Condition - ~28ft



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Transition to PVC – Standing Water - ~31ft



Standing Water Ends - ~38ft

[Link to video of inspection:](#)

https://drive.google.com/open?id=1MBd_B2aDvKTtDxXqq3V01gRwnwvNV5gS

[Estimate of repairs:](#)

Estimates available upon request

Terms conditions and limitations of the report:

The sewer camera inspection is limited to the date and time of the inspection only as conditions in the sewer can change over time. The sewer camera inspection is only a visual inspection of the accessible sewer line and may be limited by obstruction, debris, build up, or access. The report is based solely on the opinion of the technician with the information he has available at the time of the inspection. Sewer Consultants, LLLP is not offering any sort of guarantee or warranty as part of this inspection report. The camera is only ran through the main sewer line and no secondary lines will be inspected or included as part of the report. Lines 2" in diameter or smaller and traps less than 6" in diameter will not be inspected. Marked areas are for reference only and may not be exact due to signal interference and/or depth of the sewer. Damage may exceed beyond the marked areas (especially in Cast Iron). We recommend having the repair contractor re-locate prior to repair to ensure accuracy as markings may have been moved or altered.