



Pro Drain Techs
14318 128 Street NW
Edmonton, AB
T5L 3H5

Contact

Email: info@prodraintechs.ca
Phone: 780-903-8142
Website: www.prodraintechs.ca

Sewer Line Inspection Report

Danny TestVid
1234 Green Street, St. Albert, AB

Date of Inspection: 2026-10-03

Job Number: 001

Inspector: Dylan

The inspection occurred on 2026-10-03 and this report represents the status, findings and recommendations at this specific point in time. Sewer line systems can change rapidly; no warranty is made that the system status, findings, or recommendations noted herein remain indefinitely.

Summary

At the time of inspection the system was found to be open and flowing.

System Access Details

Drain Type	Sanitary
Pipe Dirn	Front of home
Access Loc	Base Utility
Access Type	Sewer Stack
Material	PVC
Pipe Size	3" / 75mm



Video location: 0:15

Pipe Material & Size

Under Slab	Service Line
32.2' of 3" / 75mm PVC	unknown length of 4" / 100mm Clay

Observations & Defects

Under Slab	Service Line
Moderate Sag @ 20.7'	Minor Roots @ 32.2', Minor Roots @ 35.7', Minor Shift @ 40.5', Minor Roots @ 47.1', Moderate Roots @ 48.4', Moderate Crack @ 49.4', Major Roots @ 51.4', Moderate Roots @ 55.2', Moderate Roots @ 65.6'

Recommendations

1. Sag Repair

Trench based repair. The drain line in proximity to the identified sag is dug up and the grade is repaired to ensure proper drainage slope. Pipe repairs/replacements may also be completed.

2. Drain Cleaning

Mechanical process used to remove roots, debris or other blockages and restrictions that do not require more invasive repairs.

3. Monitor

Inspection of the drain with camera system to monitor the ongoing condition.

4. CIPP Liner

No-dig repair operation that uses a cast in-place pipe process to replace a drain line with a polymer liner.

Inspection Details

Defect

Severity	Med
Defect	Sag
Dimensions	6-10' long, 1" deep
Recommendation	Sag Repair



Video location: 0:44



Video location: 0:50



Video location: 0:57

Feature

Type	Transition
Transition Type	Foundation Edge
Material	Clay
Size	4" / 100mm



Video location: 1:15

Defect

Severity	Low
Defect	Roots
Restriction	0 %
Recommendation	Drain Cleaning



Video location: 1:08

Defect

Severity	Low
Defect	Roots *
Restriction	0 %
Recommendation	Drain Cleaning



Video location: 1:19

* This is a representative example of the same defect observed at multiple locations in the drain system.

Defect

Severity	Low
Defect	Shift
Restriction	0 %
Recommendation	Monitor



Video location: 1:28

Defect

Severity	Low
Defect	Roots *
Restriction	0 %
Recommendation	Drain Cleaning



Video location: 1:42

** This is a representative example of the same defect observed at multiple locations in the drain system.*

Defect

Severity	Med
Defect	Roots *
Restriction	40 %
Recommendation	Drain Cleaning



Video location: 1:44

** This is a representative example of the same defect observed at multiple locations in the drain system.*

Defect

Severity	Med
Defect	Crack
Restriction	n/a
Recommendation	CIPP Liner



Video location: 2:07

Defect

Severity	High
Defect	Roots *
Restriction	60 %
Recommendation	Drain Cleaning



Video location: 2:21

* This is a representative example of the same defect observed at multiple locations in the drain system.

Defect

Severity	Med
Defect	Roots *
Restriction	40 %
Recommendation	Drain Cleaning



Video location: 2:29

* This is a representative example of the same defect observed at multiple locations in the drain system.

Defect

Severity	Med
Defect	Roots *
Restriction	30 %
Recommendation	Drain Cleaning



Video location: 3:05

* This is a representative example of the same defect observed at multiple locations in the drain system.

Disclaimer

Pro Drain Techs performed a sewer line inspection on 2026-10-03 at 1234 Green Street, St. Albert, AB. This inspection covers only a visual examination of the main sewer line from the point of access to the terminal location noted in the report. Unless explicitly stated, this inspection does not include branch lines, secondary lines, or any other connections beyond those noted herein.

Visual obstructions - including but not limited to debris & foreign objects, buildup, root intrusion, pipe material breakdown, and standing water - may impede the camera, making it impossible to identify all defects, issues, or system features. This inspection evaluates only the interior condition of the sewer line at the date and time it was accessed; it cannot detect conditions, features, defects or issues external to the pipe wall.

The inspection and this report **do not**:

- Guarantee identification of all possible defects, issues, or features that may be present within the inspected system
- Act as a guarantee against sewer backups, issues, defects or failures now or in the future
- Imply a warranty for damage to the sewer line system, associated connections, or residential areas related to identified or unidentified sewer line issues and/or defects
- Identify exact physical locations or distances; all noted distances/locations are approximate and **must be properly verified** prior to repair or maintenance work

Findings and Opinions

The findings, summaries, and recommendations detailed in this report are based strictly on visible conditions present on the day of the inspection and the professional opinion of the inspector(s). This report represents a snapshot in time. Other professional opinions may differ from those expressed herein.

Glossary

Materials

ABS

ABS (Acrylonitrile Butadiene Styrene) is a thermoplastic pipe material that can be used above and below-grade (i.e., underground). It is typically black in appearance and has a service life expectancy of 50-100+ years.

Cast Iron

Metallic pipe material typically used under the slab. Cast Iron has an expected service life of 75-100 years.

CIPP

CIPP (Cured-in-Place-Pipe) is typically installed as a repair method and uses an uncured flexible liner which is inserted into an existing pipe system, inflated to take the form of the existing piping and then cured in place to form a rigid solid pipe. CIPP systems have a service life expectancy of 50+ years

Clay

A clay pipe material that has been fired (vitrified) to form a hard, chemically inert ceramic material. Vitrified clay pipe has a service life expectancy of 50-100+ years.

Concrete

Concrete pipe systems are typically reserved for larger infrastructure scale systems.

HDPE

HDPE (High density polyethylene) is a thermoplastic pipe material that is typically used in repair operations, and will often feature heat-fused joints. HDPE has a service life expectancy of 50-100+ years.

Orangeburg

A bituminized fiber pipe material named for the location of it's primary manufacture (Orangeburg NY), made by infusing tars into pressed wood pulp fibres forming a rigid pipe. Orangeburg pipe has a service life expectancy of 30-50 years.

PVC

PVC (Polyvinyl Chloride) is a thermoplastic pipe material that can be used above and below-grade. It is typically grey in appearance and has a service life expectancy of 50-100+ years

SDR

SDR (Standard Dimension Ratio) is special form of PVC piping reserved for underground applications due to an absence of UV protection.

Defect Types

Break

A material breakdown in which the pipe has been completely broken causing non-joint related separation. Breaks can cause ingress of soil, roots, or other foreign objects, and eventual complete obstruction of the pipe system.

Cast Iron

Rust/Flake/Scale

Material breakdown limited to cast iron pipe when it is nearing end-of-life, typically located under the slab. Appearing as large flakes of rust causing significant restriction and acting as catch points for debris and foreign objects.

Crack

A physical crack has formed in the pipe; these typically start as hairline cracks that can widen due to root ingress or activity within the pipe system. Cracks can lead to widening of the crack, eventual collapse, ingress of soil, roots, or other foreign objects.

Debris/FO

Debris or foreign objects have been located in the pipe; this can lead to standing water and/or areas of sludge build-up.

End of Reel

The inspection camera cable was not long enough to reach the end of the drain. See "Lost Push".

Hole

A large scale hole has formed in the pipe wall. Holes will lead to ingress of soil, roots, or other foreign objects and can lead to eventual collapse.

Lost Push

The inspector was unable to continue the inspection due to equipment issues or drain conditions. See also "End of Reel" and "Too Many Bends".

Orangeburg

Bubbling and/or Tear

Material breakdown limited to Orangeburg pipe when it is nearing end-of-life. This is due to delamination of natural layers within the pipe. Bubbling and/or tears can lead to major restriction and catch points for debris, sludge, and foreign objects.

Orangeburg

Ovalling and Collapse

Material breakdown limited to Orangeburg pipe when it is nearing end-of-life. Due to loss of structural integrity the pipe will start to collapse from the weight of the soil above it. Ovalling will lead to an eventual complete collapse and total line restriction.

Roots

Ingress of roots into the sewer system; typically from trees/plants located above or nearby the sewer line. Over time roots can cause significant restriction and can act as catch points for debris and foreign objects.

Sag

A section of the sewer line with inadequate grade/slope causing standing water that can lead to buildup of sludge, debris and the capture of foreign objects.

Separation

An axial separation of the pipe found at a pipe joint. Separations can lead to ingress of soil, roots, or other foreign objects.

Shift

A lateral separation of the pipe found at pipe joints. Shifts cause line restriction and can lead to ingress of soil, roots, or other foreign objects.

Too Many Bends

The number and/or severity of bends in the pipe made it impossible for the inspector to push the camera further into the drain. See "Lost Push".

Wrinkle

Material breakdown limited to CIPP liners, typical at bends in the line where the liner has folded on itself during installation. The folds form hard ridges/wrinkles during the curing process, and can lead to line restriction and/or catch points for debris and foreign objects.