

WEBSITE CASE STUDY – 1.19.2026

Case Study: Trenchless Sewer Line Repair Using CIPP Lining

Location

Norfolk, VA

The Initial Call

The homeowner contacted our team after noticing a gurgling sound coming from one sink in the home. Over the next few days, the issue progressed, and multiple drains throughout the house began making the same noise.

Gurgling drains are often an early warning sign of a larger sewer issue, so our technicians scheduled an on-site inspection to determine the cause.

What We Found

Upon arrival, our team observed **active sewage coming out of the cleanout in the yard**, confirming the issue extended beyond a simple internal drain clog.

We performed a sewer camera inspection and discovered the home's **main sewer line was made of cast iron and had significantly deteriorated**. Over time, the pipe had developed **multiple holes**, allowing sewage to escape and air to enter the system—causing the gurgling sounds inside the home. Left unaddressed, this type of damage can lead to complete sewer failure, property damage, and unsanitary conditions.

The Solution

Rather than excavating the yard and replacing the sewer line, we recommended **CIPP (Cured-In-Place Pipe) trenchless lining**.

Using this method, we:

- Cleaned and prepared the existing pipe
- Installed a resin-saturated liner inside the damaged sewer line
- Cured the liner in place, creating a **new pipe within the old pipe**

This process restored the structural integrity of the sewer line **without digging**, preserving the homeowner's landscaping and minimizing disruption.

The Result

The sewer line was fully rehabilitated, stopping sewage leaks and restoring proper drainage throughout the home. The homeowner avoided excavation, reduced overall disruption, and gained a long-term solution designed to extend the life of the sewer system for decades.

Key Takeaway

Gurgling drains are often one of the first signs of a failing sewer line. Early inspection and trenchless repair options like CIPP lining can prevent more extensive damage and costly repairs.

If your drains are making unusual noises or you're noticing recurring issues, a professional sewer camera inspection can make all the difference.

Services Used in This Project

- Sewer Camera Inspection
- Cast Iron Pipe Evaluation
- CIPP Trenchless Sewer Lining