Drinking Water Pipe Cleaning & Relining Project

**WHAT:** Charlotte Water (CLTWater) and Mainlining America, LLC will be cleaning and adding a new interior lining inside the drinking water pipes. The project will enhance water quality and reliability for all residents and businesses in the area.

**WHEN:** Construction will start late-May on Central Avenue and continue in phases for six months.

**WHERE:** Construction will occur in the road right-of-way.

**LET US KNOW:** We’d like to hear from you. Go to our project webpage to tell us about your past water service experiences.

**WHAT TO EXPECT:** Lane closures between 9:00 a.m. and 4:00 p.m. Some work may occur on nights and weekends. Driveway and sidewalk access may be limited at times.

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Why is Charlotte Water Rehabilitation Water Pipes?

Some pipes were originally installed 70-100 years ago. Over time, cast iron pipes corrode or crack, which means there is lower than usual water pressure or water leakage. We’re rehabilitating the pipes to make sure you have reliable, high quality water.

Will there be discolored water during construction?

After we clean or replace pipes, you may see some cloudy or brownish water come out of taps. Discolored water is a result of sediment being displaced during construction.

How do I fix discolored water?

Run water from an outside or bath tub spigot. If after 15 minutes the water doesn’t run clear, call 311 or 704-336-7600 for assistance.

Will there be water outages during construction?

No. We do not expect any water outages during construction. Above ground drinking water pipes will provide water to residents and businesses while we clean and add a lining in the existing pipe.

Can I still park on the street?

Yes. Before construction begins, signs will be posted indicating when and where cannot park. We generally only block one side of the street which leaves the opposite side of the street open for parking.
1. Contractor connecting an above ground drinking water pipe inside a meter box. The pipe will be tested for water quality to ensure you are receiving quality water before being connected.

2. The above ground pipe will have small ramps or be just under the street for customers to access their driveway and use sidewalks.

3. Crews dig at strategic locations reducing the amount of lane closures, pavement repair, and inconvenience to customers.

4. Water pipe rehabilitation involves an innovative technique of cleaning the inside of the existing water pipe. Scrapers (bottom of photo) will be pulled through the pipe to remove mineral deposits.

5. Crews will inspect the inside of the pipe using a small camera on wheels.

6. A new protective coating will be sprayed in the pipe to extend the life of the pipe.

7. A pipe section showing decades of mineral deposits accumulated inside.

8. A pipe with a fresh interior lining. The pipe is tested for water quality before being put back in service.

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**Project Contacts**

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