

Stop Pinhole Leaks For A Fraction Of The Cost!



Building our reputation as the nation's leading **pipe restoration solution** for apartments and condominiums. *SageWater Renew* is a non-invasive cost effective alternative to epoxy lining that addresses pinhole leaks and corrosion at the water chemistry level. Yet another way we render pipe problems... solved.

What is *Renew*?



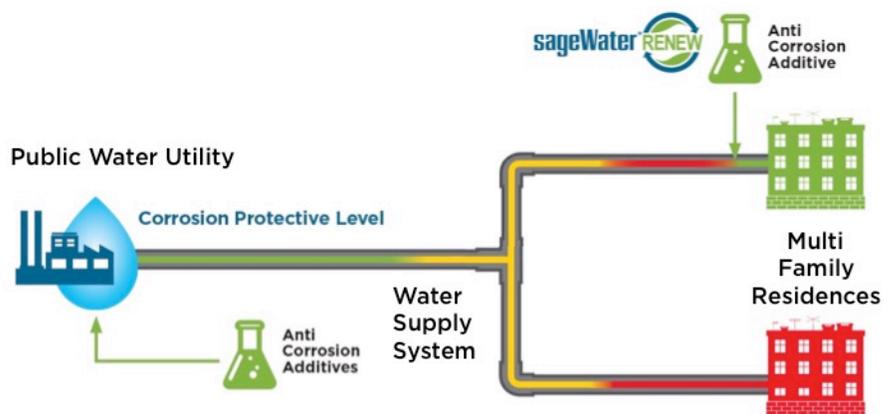
The leading in-place pipe restoration solution

Stops Pinhole Leaks & Halts Corrosion

SageWater Renew is a non-invasive solution to address pinhole leaks and pipe corrosion in copper and galvanized steel domestic pipes. Suitable for most multifamily residential and commercial buildings, *SageWater Renew* is safe and environmentally friendly.

SageWater understands that a repipe is not always the right solution for every customer. For many properties, in-place pipe restoration is a viable alternative to fixing leaking pipes at a fraction of the cost.

How does it work?



Renew is a pipe treatment system for your property

It Delivers Utility Grade Pinhole Leak Protection Within The Building Envelope

We start by testing the water to determine its composition and the optimal mix and concentration of corrosion inhibitors needed for each individual building. We then design and install a system to feed our proprietary, tasteless, odorless, FDA/EPA/NSF approved additive into the building's main water supply system. This additive forms a thin protective film on the inside of the pipes, preventing additional corrosion and stopping pinhole leaks from forming.

The film does not clog your pipes, repairs itself if damaged, and prevents further pinhole leaks and pipe corrosion as long as the additive is precisely maintained. After the protective film is fully formed—*Renew* monitors, maintains and tests the treatment system on an ongoing basis to ensure the property is protected.

To be clear, **Renew is not like Epoxy lining**, which lines the inside of your pipes with an epoxy resin. *Renew* treats your water at the water chemistry level, much like a water softening system, to provide protection from corrosion and help prevent pinhole leaks.

In Place Plumbing Solution At A Fraction Of The Cost Of Epoxy Lining.

Proven Effectiveness

The U.S. EPA requires many public water utilities to use corrosion inhibitors such as soluble sodium silicates and phosphates so that lead, copper, and iron won't flow downstream to consumers. Utilities also add inhibitors to protect their pipes. However, those inhibitors do not protect *end users'* pipes, and you can find trace amounts of these agents at your faucets.

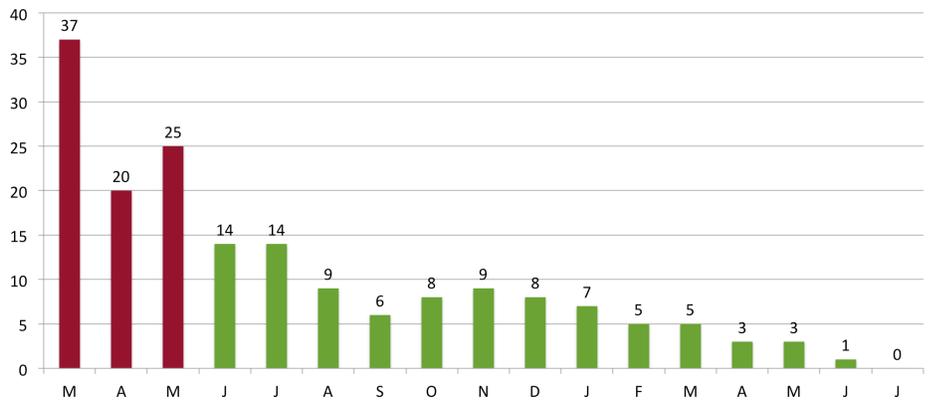
The EPA recommends silicates for corrosion control, and the American Water Works Association and the Army Corps of Engineers both endorse them as direct additives to potable water. The FDA has ruled that sodium silicate is safe for human consumption.

The soluble silicates used in the SageWater *Renew* process are effective, economical, and environmentally friendly. Utilities have used them for over 70 years to prevent corrosion, and the food service industry has used them to refine vegetable oils, process eggs, and clarify beer and wine. SageWater *Renew's* silicate has been certified to ANSI/NSF Standards 60/61.



US Army Corps of Engineers®

What are the Results?



Leaks per month before Renew (red) and after Renew (green).

Case Study: Copper Pinhole Leaks

Silver Spring, MD

Units: 410 Stories: 22 Built: 1969 Duration: Ongoing

Problem:

Poor water quality was corroding the domestic plumbing resulting in frequent pinhole leaks.

Solution:

Application of the Renew solution on the domestic hot water plumbing system.

This property was having over 30 pinhole leaks per month in supply lines, including 125+ risers within units. Building maintenance staff were often just clamping the leaks. Installing Renew prevented more than 300 leaks in the first year of use based on the leak frequency prior to installing the Renew system. In addition, prior to implementing Renew, the property was replacing 2-3 risers per quarter as a result of continued leaks. After installing Renew, the building only had to replace half of one riser in the first 12 months.

The Benefits of SageWater Renew

- Cost Effective
- Convenient Process
- Effective Treatment
- Proven Results
- Utility Grade Protection
- Scientifically Safe

Call us today for a free consultation
at 800-506-7449!

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