

Pipeline Rehabilitation Services
The Benefits of Spray-in-Place Process

Aging water mains cost municipalities hundreds of millions of dollars each year in maintenance, repair, and replacement costs, not to mention shutdowns. In addition, decaying ductile iron, cast iron, and steel pipes have tuberculation, corrosion, and biological build up that cause water quality issues. USG Water Solutions offers a trenchless, efficient, and long-lasting solution to reinforce aging underground pipe systems.

The challenge

Water quality
Aging pipes can be plagued with heavy tuberculation, biological buildup, and corrosion.

Disruption
Water main replacement usually requires costly road or sidewalk excavation.

Cost
Decaying pipes require more maintenance and pumps have to work harder because of corrosion and mineral buildup.

The USG Water Solutions spray-in-place pipe rehabilitation process offers a trenchless, NSF 600 approved, and long-lasting solution to restore underground water mains.

Learn more on the back.

USG WATER SOLUTIONS

Extend the service life of water mains with minimum cost and service downtime.

Our SIPP rehabilitation process scours underground pipes in place and lines them with an epoxy coating, extending their service life and avoiding major excavation and system downtime.

The benefits

- **Improve water quality**
- **Enhance flow and efficiency**
- **Decrease costs**

A fast, easy way to improve system efficiency and reliability

Increase asset reliability

Our innovative SIPP technology uses a state-of-the-art, spray-application rig to apply a long-lasting, epoxy lining inside the already existing pipe asset, extending its service life. The process cleans and seals cracks, helping protect against the formation of new ones.

Improve system efficiency

The SIPP rehabilitation process helps increase flow capacity and system efficiency and doesn't require extensive road or sidewalk tear-ups often associated with water main replacement.

Provide a safe, eco-friendly solution

The 100% solids epoxy lining has no VOCs and is approved for use in potable water lines with its NSF 600 certification, helping keep workers, clients, water customers, and the environment safe.







Improving reliability of water pipes with a high quality coating

Coating Feature	Benefit
100% Solids	Non-explosive, non-flammable, more reliable cure, higher quality and performance
Zero VOC & Styrene Free	Safe for workers, the community, and the environment (aquatic life)
Structural Restoration & Enhancement	Capable of strengthening assets to an improved or like new condition
Highly Adhesive	Intimately bonds to the host pipe, leaving no annular space in which further active corrosion or water inflow may continue

The ultimate solution:

USG Water Solutions Asset Management

At USG Water Solutions, we believe you shouldn't have to choose between a capital expense that is beyond your budget and an unpredictable run-to-failure approach. Our Asset Management Program (AMP™) identifies and prioritizes the most critical pipes in your system, and then executes the most cost-effective corrective actions. You optimize your pipe renewal budget and stay compliant with regulatory requirements by investing in the right place with the right technology.

Improve water pipe performance.

Call +1 (855) 526-4413 or visit

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USG WATER SOLUTIONS

An ISO 9001:2015 Quality Assured Company