

## **New York American Water Pioneers Method and Refurbishes 8,300 Feet of Aging Water Main** *12-Inch Water Main Gets Rehabilitated Using Cost-Effective Epoxy Lining*

**MERRICK, NY (September 19, 2016)** – New York American Water (NYAW) recently refurbished more than 8,300 feet of a 12-inch, cast-iron water main installed in the 1920’s using a brand new method. A mile-and-a-half of aging water main along Merrick Road, between Massapequa and Seaford, was rehabilitated using a structural Epoxy lining, a cost-effective process that eliminates traffic congestion associated with excavating busy streets to install new water main pipe. This is the first project of its kind approved by the Nassau County Department of Health and the first structural lining project completed by NYAW.

“This water main project was a success, not only in terms of the final product but what it means to the future of rehabilitation projects,” said New York American Water President Brian Bruce. “If the existing pipes are capable of being restored, lining them provides a cost effective option that greatly reduces construction time and causes little-to-no disruption to the existing roadway.”

With a project cost of only \$2 million and completion within 10 weeks, restoring the expansive stretch of water main avoided an estimated cost of \$4.5 million, and a lengthy 20 week construction duration with daily traffic lane re-routing—typical for a traditional main replacement. Recoating pipes with an Epoxy lining is expected to provide an additional 60 years to the pipes useful life. The Merrick Road project was an ideal candidate for an Epoxy lining restoration due to the condition of the existing main and its location beneath a busy concrete four-lane road.

“New York American Water is focused on improving the water distribution infrastructure in our service territory, and we are continuously looking for new technologies when carrying out this mission,” said New York American Water Vice President of Operation Christopher Buday. “Upgrading water infrastructure will be expensive, time consuming and negatively impact traffic flows unless we use less costly, more efficient pipeline rehabilitation processes like epoxy pipelining whenever possible.”

Epoxy linings can coat pipes ranging from 1 ¼ inch up to 72 inches and adhere to pipe materials including cast iron, black iron steel, copper, brass, galvanized steel, ductile iron and cement. The coating’s elasticity allows the material to navigate through the piping system’s twists and bends, while chemically bonding to its surface, preventing and sealing cracks.

New York American Water, a subsidiary of American Water (NYSE: AWK), is the largest investor-owned water company in New York, providing high-quality and reliable water services to approximately 350,000 people. Founded in 1886, American Water is the largest and most geographically diverse publicly traded U.S. water and wastewater utility company. With headquarters in Voorhees, N.J., the company employs 6,400 dedicated professionals who provide regulated and market-based drinking water, wastewater and other related services to an estimated 15 million people in 47 states and Ontario, Canada. More information can be found at [www.amwater.com](http://www.amwater.com).

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