

HYDRATECH PRESENTS: THE PIPELINE



Water-Wasting Leaks Plague U.S. Cities

Aging systems waste trillions of gallons a year and result in damaging breaks

Cash-strapped cities like Hoboken, N.J., and Syracuse, N.Y., are contending with leak-prone water systems in various ways. Hoboken has shelled out \$2.8 million since 2009 on emergency repairs. The city of 55,000 residents sees about 25 water pipe breaks a year. Syracuse, after spending \$77 million from 2009 to 2015 to repair and replace water-related infrastructure serving 145,000 residents, began installing acoustic sensors in pipes so city workers can listen for leaks.



The nation's utilities lose about \$2.6 billion annually from leaked drinking water, according to an estimate by the Environmental Protection Agency (EPA).

Georgia and California have passed laws requiring utilities to submit annual third-party verified water audits. Other states are considering the idea. [Read the whole article here.](#)

HydraTech's trenchless solutions stop leaks for a fraction of the cost of pipe replacement. Learn more at <http://hydratechllc.com>

replacement. Learn more at <http://myhydratite.com>.



This quote from a recent American Water Works Association report entitled “Buried No Longer: Confronting America’s Water Infrastructure Challenge” highlights the crossroads we now face -- between incurring the haphazard and growing cost of living with a failing drinking water system -- and carefully prioritizing and undertaking

drinking water infrastructure renewal investments.

[Read the entire report here.](#)

Case Study: Installed in One Day, HydraTite Stops infiltration at Pipe Joints in Ash Pond Outfall

Market

Power

Challenge

The challenge was to eliminate infiltration at pipe joints in an ash pond outfall pipe.

Engineered Solution

HydraTite internal pipe joint seals were proposed as the solution to eliminate infiltration.

Scope

During a routine inspection, company staff identified several sinkholes following the path of the ash pond outfall pipe. Inspection of the reinforced concrete pipe revealed the pipe joints had deteriorated, and the sinkholes were caused by infiltration. The station made the decision to use the HydraTite internal joints seals that are designed for the rehabilitation and restoration of declining pipe joints. Due to the short window for installation, the HydraTite seals were used to eliminate infiltration. Mindful of the environmental issues associated with the ash pond, HydraTech closely monitored and controlled the ash pond level during the installation of the HydraTite seals, minimizing flow.

Solution

The limited shutdown time of the outfall pipe made the HydraTite internal pipe seal the ideal solution since no excavation was required. The HydraTite installation was completed in one day, and eliminated further infiltration and prevented ground shifting and sinkholes.





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Fun Fact:



The water from one million goldfish bowls could fill a football stadium.

Address aging pipe challenges cost-effectively with HydraTech's trenchless solutions.

Contact HydraTech at (513)827-9169 or info@hydratechllc.com today.

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