



**Case Study Category:** REDW

**Case Study Title:** Cured-in-Place-Pipe (CIPP) for Small Diameter Water Mains

**Utility Name:** NYC Department of Construction and Design

**Case Study Abstract:** The Department of Construction and Design for New York City (DDC) is continuously looking for new technologies and products to help them face the unique challenges associated with pipeline renewal in a heavily populated metropolitan area with dense underground infrastructure. Traditional methods for waterline replacement leave the surrounding underground utilities at elevated risk for disruption and damage due to the proximity of the various infrastructure assets. As an alternative to dig and replace, the City of New York made the decision to try a new product using Cured-in-Place-Pipe (CIPP) technology commonly used for sewers for the rehabilitation of a small diameter waterline in an urban neighborhood. This case study documents the overall experience with the product, including the installation, challenges, and lessons learned.

**Case Study Link:** <http://waterid.org/content/expand-place-pvc-lining-applied-small-diameter-water-main-washington-dc-area>