



# SPRING VALLEY WATERMAIN REHABILITATION



## OVERVIEW

**Location:** 6 Northwest Locations, Spring Valley Area, Washington, DC

**Client:** DC Water

**Period of Performance:** October 2016 – Sept 2020 (Anticipated Completion)

**Contract Value:** \$4.6M

**FMCC Job No.:** 10351

### Project Description

As part of its Capital Improvement Program, DC Water is performing water and sewer rehabilitation projects throughout the city. This project involves the installation and rehabilitation of water infrastructure located in the Spring Valley neighborhood between Nebraska Ave NW, Rockwood Pkwy NW, Glenbrook Rd NW, 49th St NW, and Woodway Ln NW. Benefits of this project include the rehabilitation of an aging water system, improving structural integrity while maintaining adequate hydraulic capacity and improving water quality.

Fort Myer Construction is responsible for the construction management of the installation of 1200 linear feet of 12" water main, the rehabilitation of 3000 linear feet of 8" and 12" water main using a cured-in-place pipe (CIPP), and our crews finish each site with public space restoration.

### Project Significance

This project is located within a former defense site that during World War I, was known as the American University Experiment Station. Due to the location, it is possible remnants of explosive materials or glassware could be encountered. To ensure the safety of residents and staff, DC Water works closely with the USACE and DOEE and District Department of Transportation (DDOT). DC Water has adopted a conservative approach to reduce risk, including performing soil testing and collecting samples for laboratory analysis; minimizing excavation by lining water mains where existing pipe size is adequate and replacing water mains in the same trench where pipe upsizing is needed; and having an unexploded ordnance specialist present during construction. This project is DC Water's first project involving CIPP (cured in place pipe) for water mains. This method is usually common for sewer mains. Also, major work can only be done during the warmer months because the work utilizes a bypass system that may freeze or get damaged easily during the winter.

### Client References

Maria Gigova, Project Manager, DC Water  
5000 Overlook Avenue, SW, Washington, DC 20032  
maria.gigova@dcwater.com | 202.787.7621

### Key Personnel

John Hamilton – Vice President      Rodney Mairose – Superintendent  
Linda Li - Project Manager      Jose Benitez - Foreman



fortmyer.com | 202.636.9535 | 2237 33rd Street NE, Washington, DC 20018

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