

District of Columbia Water and Sewer Authority Sewer Shaft

QUIKRETE® Shotcrete MS – Fiber Reinforced
Washington, DC



PROJECT DESCRIPTION:

District of Columbia Water and Sewer Authority (DC Water) provides more than 600,000 residents, 16.6 million annual visitors and 700,000 District of Columbia employees with water, sewage and wastewater treatment. Part of DC Water's responsibility is the management of 1,900 miles of sanitary, stormwater and combined sewers, which can require shaft renovations to accommodate growing service demands. To meet the structural demands of repairing an existing sewer shaft, Skanska USA spray-applied QUIKRETE® Shotcrete MS – Fiber Reinforced with an accelerated set time of just two minutes, the material was applied

over earth frozen using a super-cooled brine solution during the excavation process. This approach allowed the project to be completed safely on-time and with minimal service interruptions.

QUIKRETE® Shotcrete MS – Fiber Reinforced is a single component Micro Silica enhanced repair material that achieves more than 9,000 PSI at 28 days, and features very low rebound and permeability characteristics. Available in 3000 lb bulk bags and 50 lb or 80 lb paper bags

GENERAL CONTRACTOR:

Skanska USA

QUIKRETE® PRODUCTS:

- 80 lb Shotcrete MS –
Fiber Reinforced : 200 bags

PROJECT START DATE:

July 2015

PROJECT COMPLETION DATE:

October 2015



**QUIKRETE® Shotcrete MS-
Fiber Reinforced >>**

