



ENVIRONMENTAL  
QUALITY RESOURCES



# NASH RUN STREAM RESTORATION



## OVERVIEW

**Location:** Kenilworth Avenue and Anacostia Avenue, NE Washington, DC

**Client:** Environmental Quality Resources for DOE

**Period of Performance:** January 2016 – June 2016

**Contract Value:** \$490 K

**FMCC Job No.:** 10270

### Project Description

Nash Run is located in northeast Washington, DC, and is a first-order tributary of the Anacostia River. The Nash Run sewer shed encompasses a 229-acre area in the District, 112 acres (49%) of which is impervious. Stream restoration at Nash Run was necessary to reduce sediment and pollution. This restoration improved water quality in the stream, the general appearance of the stream, and conditions for wildlife along the stream corridor. Fort Myer Construction was a subcontractor on this project and our portion of the work consisted of removal and replacement of existing culvert pipes, power pole lighting, and site paving. This involved replacement of small diameter 6 inch valves and associated pipes, fire hydrants, installation of upstream and downstream end walls, and paving a new parking lot over the new piping. The project also included rehabilitation of disturbed area. Major items of work included in this contract included installation of approximately 60 feet of 121-inch elliptical piping, 60 inch RCP and permanent pavement restoration.

### Project Significance

This heavily urbanized watershed, and its consequent imperviousness, result in flashy and intense stream flows, even during moderate storms. High amounts of trash and debris wash out of the storm sewer system during rain events, choking portions of the stream and causing areas for ponding and mosquito breeding. The resulting hydrologic alterations deteriorated the water quality of Nash Run and degraded natural habitat downstream of the outfall. A study on trash in the Anacostia River estimated that Nash Run produces approximately 3% of the total trash from DC that washes into the River. The restoration offers DC an environmental improvement using a system to capture the trash and is an aesthetic asset for the community surrounding Nash Run.

An important aspect of this contract was effective communication with various people and businesses involved and working with pumps to ensure that a certain water level was maintained to allow the pipes to be installed. Our team successfully managed close coordination with DC Water, DDOT, residents and local businesses affected.

### Client References

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### Key Personnel

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