

PROJECT: WATER QUALITY RETROFIT PROJECTS

LOCATION

- W. Brambleton Avenue and Colley Avenue

PROJECT INFORMATION

This project will construct a basin in a low lying open space area as part of a larger restoration of the Hague Watershed. The retention basin will improve water quality, stabilize eroding banks, establish a habitat for native wildlife and enhance the overall visual aesthetic of the community.

SCOPE OF WORK

- Design and construction of wetland islands with outfall riser, shallow and deep pools.
- Design and construction of footpath, ornamental trees and shrubs.

PROJECT STATUS

- **Under Construction**

PROJECT SCHEDULE

Start date: Mid-September 2020

Completion date: Spring 2021

PROJECT COST

\$836,671

POLLUTANT REMOVAL (LBS/YEAR)

- Phosphorous: 17.7
- Nitrogen: 92.84
- Sediment: 4,303

COST EFFECTIVENESS (\$/LB)

- Phosphorous: \$35,732
- Nitrogen: \$6,812
- Sediment: \$147

CIVIC LEAGUE/TASK FORCE

- Ghent Square Civic League

PROJECT CONTACTS

PROJECT MANAGER

C.W. Gaskill, Public Works

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DESIGN ARCHITECT/ENGINEER

Moffatt & Nichol

CONSTRUCTION CONTRACTOR

Carolina Marine Structures

CONSTRUCTION INSPECTORS

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