

PROJECT: WATER QUALITY RETROFIT PROJECTS

LOCATION

Kempsville Road

PROJECT INFORMATION

This project will upgrade a former drinking water reservoir to a storm water retention pond. The project 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

- Clearing mud, weeds, and rubbish from pond bed
- Installation of wetland benches, buffer plantings, aeration, and forebays

PROJECT STATUS

COMPLETE

PROJECT SCHEDULE

Start date: Mid 2018
Completion date: Mid 2020

PROJECT COST

\$2,178,281

POLLUTANT REMOVAL (LBS/YEAR)

- Phosphorous: 477.5
- Nitrogen: 1719.14
- Sediment: 63,464.85

COST EFFECTIVENESS (\$/LB)

- Phosphorous: \$4,405
- Nitrogen: \$1,223
- Sediment: \$33

CIVIC LEAGUE/TASK FORCE

- Lake Taylor Civic League
- Hollywood Homes/Maple Hall Civic League
- Ward 4
- Superward 7

PROJECT CONTACTS

PROJECT MANAGER

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DESIGN ARCHITECT/ENGINEER

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CONSTRUCTION CONTRACTOR

Carolina Marine Structures, Inc.

CONSTRUCTION INSPECTORS

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