

LAKE WHITEHURST RETROFIT

LOCATION

Entire Lake Whitehurst Watershed

PROJECT INFORMATION

This project will benefit both water quality and flood reduction. It will implement necessary maintenance around outfalls, clean clogged channels to allow water flow, install hydrodynamic separators and forebays to capture sediment and litter for routine cleanout, install aeration devices in portions of the lake with occasional low dissolved oxygen, and install wetland benches to increase water quality treatment.



SCOPE OF WORK

Upgrade pond to meet Level II Retention Pond standards.

PROJECT STATUS:

Under Design/Permitting

PROJECT SCHEDULE

Start Date: Fall 2024

Completion Date: Fall 2027

PROJECT COST

\$12 million

POLLUTANT REMOVAL (LBS/YEAR)

- Phosphorous: 1092
- Nitrogen: 5115
- Sediment: 70,819



COST EFFECTIVENESS (\$/LB)

- Phosphorous: 10,989
- Nitrogen: 2346
- Sediment: 150

CIVIC LEAGUE/TASK FORCE

- Lake Whitehurst West/Waters Edge/Bromley/Glengariff/Azalea Acres/Azalea Lakes/Saratoga & East Lynne/The Gardens/Camellia Shores/Camellia Acres/Novella Heights/Idlewood & Sandy Heights
- Ward 4, 5
- Superward 6, 7

Project No. 19020 Updated September 1, 2023



PROJECT MANAGER

Justin Shafer, Public Works
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CONSTRUCTION MANAGER

TBD

CONSTRUCTION INSPECTOR

TBD

DESIGN ARCHITECT/ENGINEER

Hazen and Sawyer, P.C.

CONSTRUCTION COMPANY

TBD