

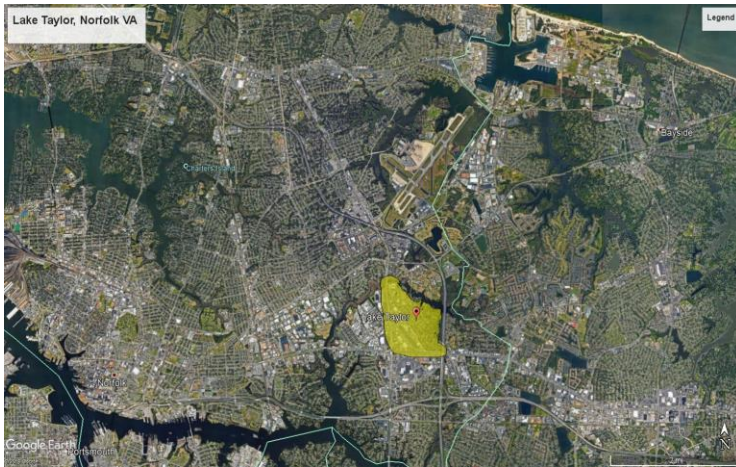
TIDEWATER COLLABORATORY

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2019-2020 Project Proposal

Proposed Project Title: Lake Taylor Stormwater Improvements

Project Location: Norfolk, Virginia



Design/Research Project Overview (brief problem statement):

Lake Taylor, a neighborhood in Norfolk Virginia, is actively seeking stormwater and water quality improvements within the community. In Spring '19, a group of UVA students led by Dr. Phoebe Crisman engaged with the local civic league to inventory flooding and pollution hot spots, and garner feedback on potential interventions. Wetlands Watch and the Elizabeth River Project would like to engage students for more detailed design work in the community. Potential projects could include retrofitting ditches with regenerative stormwater conveyance systems, adding sinuosity and step-pools or flow diversions and reductions/treatment through bioretention areas. Ideally, these retrofits would fit within existing drainage easements.

Advisors/Client Contact Information:

Client: Wetlands Watch, The Elizabeth River Project, City of Norfolk, Lake Taylor Civic League

Potential Technical Mentors(s): Dr. David Sample