

STORMWATER RETENTION

STATE PROGRAM: Georgia Environmental Finance Authority

ASSISTANCE RECIPIENT: City of Hinesville

ASSISTANCE AMOUNT: \$4M



PROJECT DESCRIPTION

Hinesville borrowed \$4 million from the Georgia CWSRF for a project that hides stormwater storage in plain sight. To improve water quality in 303(d) listed Peacock Creek and other water bodies, a 15 acre lake in the middle of Bryant Commons was retrofitted to retain and treat stormwater from downtown Hinesville. Discharges from the pond are made through a series of cascades, which oxygenates the water. Hinesville is a 300 acre, highly impervious urban area, which experienced localized flooding during past storm events and degraded water quality in Peacock Creek. As a result of this project, total suspended solids deposited in local streams were reduced by 80 percent.

To read more about this case study, please visit epa.gov/sites/default/files/2017-11/documents/pisces_compendium_final2.pdf.