

Neuse Education Team i m p a c t s

Urban Impacts 3.

Friendly Fairways

A Durham County golf course project is showing local planners and engineers that clean water can be par for the course.

NC STATE UNIVERSITY

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

“Stormwater wetlands like this rank at the top of the list for removing such things as nutrients and metals.”

*— Craven Hudson,
Neuse Education Team*

The Neuse Education Team, working closely with the Hillandale golf course, installed a stormwater demonstration wetland in Durham County. The wetland treats water flowing from Ellerbe Creek, a tributary of the Neuse River.

The wetland is about one third of an acre in size and treats runoff from a 90-acre watershed. The site is downstream of Interstate 85 and blends seamlessly into the lush landscape one would expect to find in a golfing community. The golf course setting provides another valuable education venue for the Neuse Education Team to demonstrate practical, effective solutions for improving the Neuse.



- From a scientific perspective, stormwater wetlands are the most effective water-management tool for dealing with nutrient removal.
- The Neuse Education Team has brought many partners together for this demonstration project. The City of Durham Stormwater Services, Durham County Government, the Ellerbe Creek Watershed Association, Hillandale golf course staff, the Upper Neuse 319 Team, the Department of Environment and Natural Resources each play a significant role in this project.
- The Hillandale community has shown its commitment to helping the Neuse by participating in this educational water quality project.

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