



Burnt Mill Creek Outreach & Demonstration Project

FUNDING SOURCE & AMOUNT

EPA 319 Grant

\$200,000 funded, with match

\$80,000 in-kind match from City of Wilmington

TIMEFRAME

Awarded 2002

June 2002 – May 2005

3 year grant

GRANT ADMINISTRATOR

City Stormwater Services

IN-KIND PARTNERS

City of Wilmington Parks

City of Wilmington Neighborhood Beautification & Adopt a Street Programs

Cape Fear River Watch

NC Division of Water Quality

NCSU Cooperative Extension

NCSU College of Design

SUMMARY / DESCRIPTION

The Anne McCrary Park Stormwater Demonstration Site is a remarkable educational area showcasing stormwater BMPs within the City of Wilmington. Burnt Mill Creek is currently listed on the 319(d) list of impaired waterways. Land cover within the watershed consists mainly of impervious surfaces. It is estimated that when impervious surface coverage reaches 10%, there is increased bacterial contamination, sediment loading and polluted stormwater runoff. As a result, Burnt Mill Creek is one of the most degraded creeks in Wilmington.

Stormwater Services applied for a 319 grant and received funding to support the Burnt Mill Creek Outreach and Demonstration Project in 2002. Anne McCrary Park was selected to host examples of stormwater Best Management Practices (BMPs) to encourage citizens to “adopt responsible watershed practices”. The Stormwater Demonstration Site is located in Anne McCrary Park next to Randall Pond on Randall Parkway.

BMPs are landscape practices or behaviors that reduce the amount of pollution and/or quantity of storm water runoff. BMPs can be structural, such as a rain barrel or shoreline buffer, or non-structural, such as picking up pet waste or washing your car on the grass. Not only do the Demonstration Site BMPs help reduce the amount of polluted runoff entering Burnt Mill Creek, but they also act as examples of how homeowners and businesses can easily incorporate BMPs on private properties.

Residents and commercial businesses in close proximity to the Stormwater Demonstration Park were chosen as the target audience to educate and encourage to adopt BMPs. Education activities with the audience included workshops, eco-walks, school presentations, creek monitoring training, watershed cleanup events, BMP educational video, print media, Citizen’s Guide, citizen/business awards, mass media campaign and citizen surveys.

In 2017, the Stormwater Demonstration Site in Anne McCrary Park received an “Outstanding Stewardship” award from the Lower Cape Fear Stewardship Development Coalition.

GRANT GOAL(S)

- Install a Stormwater Demonstration Site featuring stormwater Best Management Practices (BMP’s).
- To increase awareness about watershed issues for a specific target audience adjacent to the Stormwater Demonstration Site.
- To encourage residents and businesses in the target audience to adopt responsible watershed practices, including Best Management Practices (BMPs).







Pervious Concrete Parking Lot

Storm Water Soaks Through Concrete
Less Runoff - Cleaner Water



NC STATE UNIVERSITY



Partners: City of Wilmington Storm Water Services and Parks & Landscape
Department, NC State University Cooperative Extension Service

NO OVERNIGHT



