



Cape Fear River Watch, Inc.
617 Surry Street
Wilmington, NC 28401
910-762-5606
www.cfrw.us

To: Dr. Robert Cutting
From: Bill Murray
Subject: Cape Fear River Watch Internship Possibilities
Date: August 14, 2008

An internship opportunity working to assist in providing stormwater out reach and education programs as part of an active contract Cape Fear River Watch has with the City of Wilmington is available for both the fall and the Spring Semester. This internship could be tailored to a student interested in working with us for both semesters or it could be tailored for two different students. The internship can be tailored to involve working with River Watch staff and volunteers and working independently in the following areas.

1. Planning, conducting, documenting and evaluating volunteer watershed clean-ups. Ideally an intern will work with staff to learn all that is required to conduct a successful clean-up and will then be responsible to plan and conduct a clean-up under the supervision of the CFRW internship supervisor. This will include the completion of a detailed report submitted to the City to document the results of this volunteer effort.
2. Learn what is required water quality monitoring report for either Greenfield Lake or the Kerr Avenue constructed Wetland by assisting with both field observation and report completion and will then independently complete a monitoring report.
3. Participate in public education programs on the causes and sources of storm water pollution and Best Management Practices designed to eliminate, reduce or treat stormwater pollution.
4. Learn how to use the enviroscape model to teach the cause and impacts of storm water pollution. Assist with a New Hanover County 8th grade program and as opportunities become available to use this model for education presentations outside the 8th grade classroom complete a solo presentation. During the fall semester there is usually an opportunity to do this as part of an elementary conservation education program at the New Hanover County Fair.
5. Assist in planning, conducting, and evaluating a stormwater education workshop for City of Wilmington employees.
6. Assist in installing or maintaining a structural BMP such as a rain garden, bio-retention area, or constructed wetland. CFRW is currently working with the City to restore a wetland area in Greenfield Lake Park and to design educational materials to help inform the public about the environmental benefits of wetlands.
7. Assist in planning, conducting and documenting a program to train volunteer water quality monitors and coordinate volunteer field work and reporting.