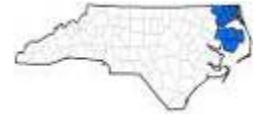


## ALBEMARLE RESOURCE CONSERVATION & DEVELOPMENT COUNCIL



Wisely Conserving Natural Resources and Creating Opportunities for  
Positive Economic & Community Development



### Project Protects Water Quality & Provides Public Access

Number 17  
March, 2010

Storm surge and heavy rain from Hurricane Isabel and storms since that event removed about 30 feet of shoreline bluff in front of the multi-million dollar Community Center in Perquimans County. The county, with technical assistance from Albemarle RC&D Council, Perquimans Soil and Water, and Natural Resources Conservation Service stabilized about 450 ft of shoreline bluff in front of the Community Center, and installed about 1,000 ft of rock sill in shallow water along the property shoreline. Native trees, shrubs and grasses were planted along the bluff and shoreline to help stabilize this important piece of public property.

The rock sills along the shoreline help break wave action and provide critical protection against erosion. They also provide habitat for small fish and other aquatic life.

The project also constructed three stormwater wetlands at key drainage outlets around the county's Commerce Center. A wetland next to the Perquimans Community Center helps filter stormwater from a paved parking lot and recreational ball fields before it drains into the adjacent Perquimans River. Wetlands at two other drainage outlets will help filter stormwater from future business development.

Over a mile of nature trail was constructed along the shoreline, wetlands and through the woods next to the Community Center. The sections of trail along the shoreline and through the woods provide unique views of the Perquimans River, and coastal swamp and maritime forests.

The project was funded through a grant from the Clean Water Management Trust Fund and matching funds from Perquimans County.



Stabilized Bluff



Shoreline with  
Rock Sills



Stormwater  
Wetland



Nature Trail

#### Albemarle RC&D Council Welcomes New Members!

Abner Wayne Staples (*Camden*)  
Charles Tooley (*Hyde*)  
Carl Classen (*Hyde*)

## New Fishing Pier and Canoe/Kayak Access at Perquimans Community Center



*Fishing Pier (above) and  
Canoe-Kayak Access (below)*

Perquimans County recently completed construction of a 200 foot-long public fishing pier at the Perquimans Community Center. The pier is handicap accessible from the main parking lot. A 40'x10' area at the end of the pier provides room for fishing and enjoying the scenic beauty of the Perquimans River.

The county also constructed a canoe/kayak access site on the Perquimans River. Paddlers can park close to the top of the river bank and carry their canoes and kayaks down a short slope for an easy launch from a natural beach.

An information kiosk next to the parking area provides information on paddle and camping opportunities on the scenic Perquimans River and Mill Creek.



The fishing pier and canoe/kayak access were constructed with a grant from the CAMA Public Beach and Coastal Waterfront Access Program and matching funds from Perquimans County.

**CONGRATULATIONS** to ARCD Council members from Pasquotank, **Travis Burke**, for his recent promotion as the Northeast District Extension Director and **Marshall Stevenson**, for his appointment to the NC Water Resources Congress.

## Update on RC&D Funding

The partnership between the 375 RC&D Councils and the Natural Resources Conservation Service is unique in its ability to **return \$5.40 for every dollar the federal government invests** to support economic development and resource protection in rural areas. The 10 RC&D Councils in NC generate **\$10.85 for each dollar** invested by the federal government!

A few of the many accomplishments by RC&D Councils in 2009:

- 676 new businesses were created
- 5,921 businesses were expanded or retained (115 jobs created or retained in NC)
- 7,060 jobs were created and 4,778 retained (397 in NC)
- Improvements were made on 2,420,000 acres of wildlife habitat, 400,000 acres of lakes and 7,731 miles of streams (In NC, 37,069 acres of wildlife habitat, 170 miles of rivers and 72,516 acres of shoreline were improved or protected.)

Please ask your congressmen to support federal funding of \$50.7 million in order to ensure continuation of the valuable programs offered by RC&D in the Albemarle region! Contact Linda Peterson at [albemarlercandd@yahoo.com](mailto:albemarlercandd@yahoo.com) or 252-482-7437 for assistance in where to send your message of support!

## Innovative Stormwater Filtration System Installed in Edenton

The Town of Edenton recently completed the installation of a stormwater filtration system in a new parking lot at John A. Holmes High School which will help protect the water quality of Edenton Bay and the Albemarle Sound. The innovative system, which is the first Filterra system installed in North Carolina, will demonstrate how coastal communities can effectively treat stormwater in urban environments. According to Anne-Marie Knighton, Edenton Town Manager, many small coastal towns and communities lack cost-effective options for effectively treating stormwater before it drains into local bays and sounds. "We are proud to be the first in the state to install this state-of-the art system," said Knighton. She said this project is part of the Town of Edenton's ongoing commitment to water quality protection and conservation efforts.

The stormwater filtration system is effective in removing pollutants such as petroleum, heavy metals, phosphorus, nitrogen, sediments and bacteria. Stormwater moves through a specially designed filter media mixture contained in a landscaped concrete container. The filtered stormwater discharges from the container to the Town's stormwater system. This system is also an urban solution for Low Impact Development (LID), an approach that provides a more effective conservation alternative to detention ponds and retention basins.



*Scott Alons of Chowan Soil and Water stands next to the stormwater filtration system at John A. Holmes High School in Edenton. This is the first system of its kind installed in North Carolina.*

This stormwater treatment demonstration project was funded by a grant from the North Carolina Clean Water Management Trust Fund. Project partners included the Town of Edenton, Chowan County, John A. Holmes High School, Albemarle Resource Conservation and Development Council and the Chowan Soil and Water Conservation District.

## RC&D Calendar

### **May 11, 2010,**

Albemarle RC&D Annual Seafood Dinner, Perquimans Community Center

6:00 pm Project Tour; 6:30 pm Reception; 7:00 pm, Dinner

### **June, 10, 2010**

Executive Committee, 9:00 am, RC&D Office

### **August 10, 2010**

Council Meeting, 7:00 pm, Agricultural Building, Edenton

### **October 14, 2010**

Executive Committee, 9:00 am, RC&D Office

### **December 14, 2010**

Awards Banquet, 6:00 pm Reception; 6:30 pm Banquet, Location TBA

**SAVE THE DATE — May 11th, 2010**  
**Project Tour and Annual Seafood Dinner at the**  
**Perquimans Community Center on the Perquimans River!**

## On-Going Projects

### Camden County

- Treasure Point Community Park Access
- Dismal Swamp State Park Boardwalk and Nature Trail

### Chowan County

- Town of Edenton Canoe/Kayak Access

### Currituck County

- Whalehead Club Shoreline Protection and Water Quality Improvement
- 4-H Rural Life Center Boardwalk and Canoe/Kayak Access

### Dare County

- Roanoke Island Festival Park Canoe/Kayak Access and Maritime Forest Trail
- Manteo High School Constructed Wetlands and Outdoor Environmental Education Classroom
- First Flight Schools Wetlands and Outdoor Classroom

### Gates County

- Merchants Millpond State Park Camping Platforms

### Hyde County

- Ocracoke Resource Development
- Englehard Park Lighting Project

### Pasquotank County

- Shadneck Public Boat Access
- River Road Middle School Constructed Wetlands
- Upper Little River Watershed Protection

### Perquimans County

- Perquimans County Community Center Phase II
- Perquimans River Riparian Forest Conservation

### Tyrrell County

- Alligator & Goatneck Community House Lifting and Septic Tank Repair
- Alligator & Goat Neck Communities Renewable Energy and Energy Efficiency

### Washington County

- Plymouth Riverfront Renovation, Phase II
- Pungo River Drainage District Water Management

### Regional Projects — All 10 Counties

- Wetlands for Work
- Renewable Energy for Rural Communities

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The Albemarle RC&D Council is a 501(C)(3) private non-profit organization that serves the people of Camden, Chowan, Currituck, Dare, Gates, Hyde, Pasquotank, Perquimans, Tyrrell & Washington Counties

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All programs and services of the Albemarle RC&D Council are offered on a non-discriminatory basis, without regard to race, color, national origin, religion, sex, sexual orientation, age, marital or family status, disability or political beliefs.

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Questions or Comments? Contact [albemarlercandd@yahoo.com](mailto:albemarlercandd@yahoo.com)  
or call 252-482-7437, ext 4