

Albemarle Resource Conservation & Development Council



Wisely Conserving Natural Resources & Creating Opportunities
for Positive Economic & Community Development
www.albemalrercd.org



Volume 21

March, 2011

Wind Energy in Northeast North Carolina

Albemarle Resource Conservation & Development Council (RC&D) has been selected to receive a \$200,000 Economic Innovation Grant from the NC Rural Center to demonstrate the local economic impact of wind energy in rural Northeast North Carolina.

The project includes training on the installation and maintenance of wind turbines and is expected to bring additional jobs to the region. Renewable energy outcomes will be used to educate county leaders, school districts, utility companies and the general public to demonstrate the value of harnessing wind energy. The project will also install four 2.4 kW wind energy turbines on school campuses and develop the K-12 curriculum to educate students about renewable energy. A meteorological “met” tower will be installed to provide key data for community wind energy projects in the area. The project is expected to create a business model to drive local decision making and to attract future investment in the renewable energy sector.

Partners on the project include Elizabeth City State University, Northeast Workforce Development Board, College of the Albemarle, Dare County Schools, NC Solar Center, Appalachian State University, UNC Coastal Institute, Alpha Energy and Currituck Wind, LLC.



LEED Certified home in Currituck County.



Outer Banks Brewing Station in Dare County.

The ANNUAL SEAFOOD BANQUET scheduled for May 10th has been CANCELLED.

A regular council meeting will be held on the same date in the Agricultural Extension building in Edenton, 730 N. Granville St.

Manteo High School Stormwater Wetland and Outdoor Classroom



The handicap accessible boardwalk and observation deck provide access to the wetland and Dough's Creek.

Construction has been completed on a stormwater wetland and outdoor environmental education classroom at Manteo High School in Dare County. The project is improving the water quality in Dough's Creek, which flows to Shallowbag Bay, and providing an outdoor learning facility for students and faculty of Manteo High School, and the general public.

The constructed wetland receives stormwater from approximately 16 acres of recreational fields and parking lots. A 340 foot boardwalk and observation deck allow access to the wetland and Dough's Creek. A platform on Dough's Creek allows teachers and students to launch canoes and kayaks for close study of coastal ecosystems.



A platform on Dough's Creek provides water access for study of coastal ecosystems.

The project is made possible through grants from the Albemarle-Pamlico National Estuary Program and US Fish and Wildlife Service—Partners for Fish and Wildlife Program. Other project partners include The Town of Manteo, Dare County Schools, UNC Coastal Studies Institute, Dare Soil and Water Conservation District, NC Coastal Federation and Natural Resources Conservation Service.

The Albemarle RC&D Council assisted with the grant applications and is providing project design and management support.

2011 Albemarle RC&D Officers

Chairman

Louise Hanson

Dare County

Vice Chairman

Rodney Johnson

Pasquotank County

Secretary/Treasurer

Richard Saunders

Chowan County

At-Large:

Mike Martin

Washington County

Past Chairman:

Marshall Stevenson

Pasquotank County

Treasure Point Community Park

Located on Areneuse Creek close to the Pasquotank River, the four-acre Treasure Point property offers unique opportunities for water-based recreation. The relatively high elevation of the property combined with its mature forest and long shoreline offer rare opportunities for public access to coastal waters. The only other public water access in Camden County is located at Sawyers Creek. However, this site is only for boat access and does not include a park area.

With a grant from the NC Division of Coastal Management Public Beach and Coastal Waterfront Access Program, Camden County has

- removed dead and leaning trees along the shoreline,
- constructed a 100' x 6' pier and 20' x 8' canoe/kayak platform,
- constructed 160' of bulkhead and 6' wide boardwalk along the top of the bulkhead,
- installed 325' of rip-rap to protect the shoreline from erosion,
- constructed a parking area, and
- constructed a pathway from the parking lot to the pier and boardwalk.

Project partners include Camden County, NC Cooperative Extension, 4-H Club, Natural Resources Conservation Service, and Camden Soil and Water Conservation District. The Albemarle RC&D Council assisted Camden County with the grant application and is providing project design and management support.



A 100 ft pier and canoe/kayak platform provide easy access to Areneuse Creek and the Pasquotank



The public shoreline has been stabilized and protected with 160 feet of bulkhead and 325 feet of rock rip rap.

RC&D Calendar

5/10/2011, 6:30 pm, Albemarle RC&D Council Meeting, 730 North Granville St, Edenton

6/9/2011, 6:00 pm, Albemarle RC&D Executive Committee Meeting
730 N. Granville Street, Edenton (Suite B)

RC&D On-Going Projects

Camden County

Treasure Point Community Park

Chowan County

Town of Edenton Canoe/Kayak Access

Bennett's Millpond Restoration

Currituck County

Whalehead Club Shoreline Protection and Water Quality Improvement

Currituck Rural Life Center Boardwalk and Canoe/Kayak Access

Dare County

Manteo High School Constructed Wetlands and Outdoor Classroom

First Flight Schools Wetlands and Outdoor Classroom

Rodanthe Water Management and Coastal Wetland Restoration

Gates County

Merchants Millpond State Park Paddle Camping Platforms

Hyde County

Ocracoke Resource Development

Pasquotank County

Shadneck Public Boat Access

River Road Middle School Constructed Wetlands

Perquimans County

Perquimans County Community Center Phase II

Perquimans River Riparian Forest Conservation

Perquimans County Water Management and Water Quality Improvement

Tyrrell County

Alligator & Goat Neck 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

Pettigrew State Park Water Management

Pettigrew State Park Boardwalk and Public Water Access

Spruill Heritage Farm Preservation

Regional Projects

Water Management and Water Quality Improvement

Renewable Energy for Rural Communities

Related Websites

www.ncarc.org

www.rcdnet.org

www.ncpaddletrails.org

www.ncparks.gov

www.visitncne.com

North Carolina Association of RC&D Councils

National Association of RC&D Councils

NC Paddle Trails Association

NC State Parks

North Carolina's Northeast Commission

Federal Funding Eliminated for the RC&D Program

A special thanks to all the Albemarle RC&D Council members and partners who called, faxed and emailed congressional representatives in support of continued funding for the RC&D program. Unfortunately, the final federal budget for Fiscal Year 2011 provided no money for the RC&D program. As a result, the 375 RC&D councils across the nation have lost their federal coordinators and Mark Powell is no longer the project coordinator for the Albemarle RC&D Council.

The Council will miss Mark's talents and enthusiasm. Since joining Albemarle RC&D in 2006, Mark Powell has provided leadership and technical support to a wide variety of conservation projects in the Albemarle Region. In the past year alone, projects ranged from constructing new wetlands on school campuses to camping platforms in state parks, from stabilizing shorelines to expanding recreational parks and from constructing boardwalks to crafting a vision for northeast NC as a leader in wind energy. Please join Albemarle RC&D in expressing appreciation to Mark and extending our best wishes for the future.

The Albemarle RC&D program will continue to function as an independent non-profit organization. It will also continue its commitment to high-quality programs and projects that balance conservation of natural resources and economic development in its 10-county area.

Please contact Linda Peterson, Program Manager, if you have any questions about the council's programs or projects.

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

730 N. Granville St., Suite B, Edenton, NC 27932

Tel: 252-482-7437, Ext 4; Fax: 252-482-3428; albemarlercandd@yahoo.com

www.albemarlercd.org

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.

Questions or Comments? Contact albemarlercandd@yahoo.com

or call 252-482-7437, ext 4