



# FOCUS ON CURRITUCK

A Report to the Community by Currituck County Government

Summer 2010



## FIND INSIDE

Cooperative Extension News. pg. 2

New Tourism Awards Program. pg. 2

Library Schedule pg. 2

Focus on Business pg. 3

Parks and Recreation Events, pg. 3

Flood Outreach Information, pg. 4

Drinking Water Quality Report - pg. 6

Hurricane Season pg. 8

Special Needs Registry, pg. 8

... along with much more.

## Walking Path Dedication Highlights Health & Fitness Day

Currituck County dedicated an addition to the Governmental Center Complex walking path during the March 21 Health and Fitness Day for county employees.

Commissioner Gene Gregory joined county staff members to dedicate the new segment of the walking path. The recently completed section runs along Highway 168 and connects to the Governmental Center pond walking path. A new footbridge was installed to connect the pathway.

Currituck received a grant from the Health and Wellness Trust Fund to complete the project. The grant also provides for the creation of a Seasonal Farmers Market, which will be located at the Governmental Center Complex. The farmers market will be held on Wednesdays from June - September, from 10 a.m. - 2 p.m.

The Health and Fitness Day included several activities designed to provide information on healthy practices to county employees, who

are encouraged to utilize the walking path during lunch breaks, as well as before or after work.

Employees received body fat screenings, a wellness evaluation, blood pressure and

blood glucose checks, cholesterol screenings, instruction in yoga and personal training, and a free 10-minute massage. Each employee also received a pedometer to help track exercise achievements.

Residents are encouraged to utilize the new pathway and all walking trails in Currituck. For a complete list of walking paths, visit [www.CurrituckGovernment.com](http://www.CurrituckGovernment.com) for the "Walking Communities" list under the Parks and Recreation Department.



## Grants Add Resources to Sheriff's Office



The Currituck Sheriff's Office received grants earlier this year that will help protect citizens and better equip deputies.

A Department of Justice grant provides two free transmitters for Project Lifesaver to benefit families with an individual diagnosed with Alzheimer's Disease. The transmitter is worn by the affected person

and will help the Sheriff's Office locate the person should they wander away from their home due to Alzheimer's.

The Sheriff's Office also seeks local support from businesses, organizations or individuals wishing to donate \$300 to provide a transmitter, band and batteries to an individual with Alzheimer's. To make a donation or register someone in your family in the Project Lifesaver program, contact Sandy Casey or Chris Doxey at 453-8204.

The Sheriff's Office was also notified by the Governor's Crime Commission that it has been awarded a grant to purchase 12 new X26 Tasers.

This grant will allow the Sheriff's Office to have more Tasers available in remote areas such as Knotts Island and Corolla and more accessibility of less than lethal force options for high risk calls.



"These devices will give additional options to deputies when they are answering calls especially when backup is not readily available. We also expect these devices to reduce officer and suspect physical encounters and deter incidents from escalating," said Currituck County Sheriff Susan Johnson.

## County Working To Solve Local Drainage Problems

In a wide-ranging effort to mitigate drainage and stormwater runoff issues affecting residents, Currituck County government is involved with several projects throughout the county to address this important issue.

As a low-lying coastal county, Currituck includes many areas which suffer flooding whenever a heavy rain falls. Along with flooding, surface water also causes additional problems for the local environment through erosion.

While working with engineering firms and contractors, county staff is addressing these issues in a number of locations throughout Currituck. Projects and/or studies are underway in many areas, including Whalehead, Moyock, Sea Loft Village, Ocean Sands and county-owned property at the Cooperative Extension facility.

County staff is also working with a private engineering firm to develop a comprehensive Stormwater Manual for Currituck County. This effort is in coordination with the current project to update the county's Unified Development Ordinance. A manual will help guide future development in mitigating drainage issues within local neighborhoods.

While Currituck County has responsibility for maintaining and improving drainage in designated service districts, in areas outside of service district this responsibility falls upon the individual property owner or homeowner association. A ditch that runs along a state-maintained highway is the responsibility of the state Department of Transportation.

An explanation of responsibility for drainage issues has been prepared by county staff and is available on the Currituck County government website, at [www.CurrituckGovernment.com](http://www.CurrituckGovernment.com).

# Cooperative Extension Center

## News and Events

### Babysitting Training

The NC Cooperative Extension, Currituck Center will offer a two-day Babysitting Training Course on June 16 and 17 from 9 a.m. – 4 p.m. each day. This class is open to any youth ages 12 and older. The cost is \$15 and covers American Red Cross CPR and First Aid certification; babysitting book and program supplies. The class is limited to the first 12 who pre-register and pay the \$15 program fee payable to Currituck County and mailed to NC Cooperative Extension, 120 Community Way, Barco, NC 27917. For more information call Georgia Kight, Family and Consumer Sciences Extension Agent, at 232-2261 or email [georgia\\_kight@ncsu.edu](mailto:georgia_kight@ncsu.edu).

### Cooking School for Youth

- For youth ages 5 to 8, on July 7 from 9 a.m. – 2 p.m. Cost is \$5. Youth will learn about nutrition, kitchen safety, basic cooking skills and be physically active. Participants must bring a bagged lunch.
- For youth ages 9 to 12, on July 9 from 9 a.m. – 4 p.m. Cost is \$8. Youth will learn about MyPyramid, food safety, prepare healthy snacks and homemade yeast bread as well as be physically active. Participants must bring a bagged lunch.

### Get your Free Credit Report

The Fair Credit Reporting Act requires each of the nationwide consumer reporting companies - Equifax, Experian, and TransUnion - to provide you with a free copy of your credit report, at your request, once every 12 months. To order your free annual credit report, the three companies have set up one central website, toll-free telephone number, and mailing address. You can:

- Visit [www.annualcreditreport.com](http://www.annualcreditreport.com)
- Call toll-free: 1-877-322-8228
- Mail your completed annual credit report request form (located at [www.ftc.gov](http://www.ftc.gov) website) to Annual Credit Report Request Service, PO Box 105281, Atlanta, Ga 30348-5281

### “Ask an Expert” Widget Now Available on NC Cooperative Extension Website

Currituck County residents now have the expertise of the nation's land-grant universities at their fingertips, thanks to a new web tool offered by the Currituck County Center of NC Cooperative Extension. Ask an Expert Widget allows citizens to submit questions, via the county Extension website, at any time of day or night, said Georgia Kight, Interim County Extension Director. They'll get timely answers by email from Extension faculty from NC State University, NC A&T State University, and other land-grant institutions.

“For decades, Cooperative Extension has been a premier source of credible, research-based information on a myriad of topics,” Kight said. “Now, the Ask an Expert widget allows county residents to access that information with greater convenience.”

To access the widget, county residents can visit the county Extension web site at <http://currituck.ces.ncsu.edu> and click 'Ask' on the black menu bar near the top of each page.

### Summer Therapeutic Riding Program

Providing children and adults with disabilities the opportunity to learn horsemanship and horseback riding in a safe, controlled, nurturing environment. Lessons given by a licensed, therapeutic instructor. Tuesdays and Thursdays, July 13 - August 5; 8:30 - 11:30 a.m. Pre-registration is mandatory, call 232-2262. Volunteers also needed!

### Summer Enrichment Workshops

- Horse Science Camp - June 14, ages 5 - 8
- Mane Attraction Horse Camp - June 16, Ages 9 - 18
- 2-Day Surf & Kayak Camp - June 21-22, Ages 9 - 12
- Fishing Camp - June 23, Ages 9 - 13
- Wood Duck Box Building - June 30, Ages 9 - 18

\* Call Ellen Owens, 4H Agent, 232-2262 for complete workshop information.

### 4H Camp KSF (Knowledge, Sports, Fun)

Open to youth ages 13 - 18. Camps operate Monday - Friday, 8:30 a.m. - 3:30 p.m. at Currituck County High School. Daily activities include Sports, Art, Science, Gaming and Real World Adventures.

Six week-long sessions to choose from: June 21 - 25; June 28 - July 2; July 12 - 16; July 19 - 23; July 26 - 30; August 2 - 6. Cost is \$50 per session, or \$250 for all six sessions.

\* Call Ellen Owens, 4H Agent, 232-2262 for complete camp information.

### 4H Camp Mesowannago

Open to youth ages 6 - 12. Camps operate Monday - Friday, 8:30 a.m. - 3:30 p.m. at Currituck County Middle School. Daily activities include TeePee Village, Organized Sports, Singing, Hands-on Activities, and Educational Workshops.

Six week-long sessions to choose from: June 21 - 25; June 28 - July 2; July 12 - 16; July 19 - 23; July 26 - 30; August 2 - 6. Cost is \$50 per session, or \$250 for all six sessions.

\* Call Ellen Owens, 4H Agent, 232-2262, for complete camp information.

# Tourism Launches New Awards Program

The Currituck County Department of Travel & Tourism is launching a program to recognize employees of tourism-related businesses for outstanding customer service.

The Currituck County Hospitality Awards will honor both front-line and behind-the-scenes employees who provide excellent hospitality to visitors. The program will reward workers for exhibiting a positive, welcoming demeanor to the traveling public.

Each business is invited to nominate one employee. Nomination categories include: Attraction, Lodging, Restaurant and Retail. Employees can be nominated in the areas of front desk staff, housekeeping, sales manager, maintenance, host/hostess, chef, tour guide, cashier/clerk, and several other areas.

County-wide winners will be honored in September during the annual Currituck Chamber of Commerce awards luncheon. Nomination forms are available by calling the Tourism Department at 435-2938, or by e-mailing [mellis@visitcurrituck.com](mailto:mellis@visitcurrituck.com). Deadline for nominations is September 3, 2010.

## Currituck Library - Check It Out

### Moyock Public Library

**Featured Film** On first Saturday in June and the second Saturday in July at 2:30.

**Summer Reading** Theme: Make A Splash READ

June 23 Summer Reading kickoff “Catch a Wave With Magic Dave” 11:00 a. m.

June 30 NC Aquarium Shark Program 2:00 p.m.

July 7 Make a Sand Bracelet. 11:00 a.m. Ages 6-12, registration required

July 14 Create a Beach Critter Windsock 11:00 a.m. Ages 6-12, registration required

July 15 NC Wildlife Program. Frogs ! 11:00 a.m. All Ages

July 21 Decorate Your Own Sun Visor. 11:00 a. m. Ages 6-12, registration required

July 28 Beach Bingo ! 3:00 p.m. Ages 6-12

\* Reading Logs will be available from June 21 to August 12. The first 20 minutes of reading will earn a weekly prize. Every additional 20 minutes earns an entry in the grand prize drawing of an Ill-A-Story and a box of 64 crayons. The drawing will be on August 13 at the Barco Library

June 29, July 6 & July 20: Stories and Songs with Miss Sandy 10:30 a.m. Ages 3 up

### Barco Public Library

**Summer Reading** K-5, Wednesdays

June 23 Kick Off Amazing Magic Dave 2:00 p.m.

June 30 NC Aquarium on Roanoke Island “ Sharks are more Than Teeth” 11:00 a.m.

July 7 Artist: Candace Owens 11:00 a.m.

July 14 Movie 11:00

July 21 Outer Banks Center for Wildlife Education “ Look to the Sky” 11:00 a.m.

July 28 Summer Extravaganza 11:00

\* Reading Records will be available June 21 to August 12: The first 20 minutes of reading will earn a weekly prize. Every additional 20 minutes read earns an entry in the grand prize drawing on August 13 for an Ill-A-Story and a box of 64 crayons.

**Storytime** Tuesdays at 10:00 - 11:00 a.m.; Ages 3,4 & 5

June 22 Row Row, Row your Boat

June 29 A Hen Named Rosie

July 6 Big Beautiful Balloons

July 13 Sail Away

July 20 Who Lives in a Pond?

July 27 Splish Splash

**Toddler Time** Thursdays at 10:00 - 11:00 a.m.; Ages 18 Mo. 2 Yrs.

June 24 Row, Row, Row your Boat

July 1 A Hen Named Rosie

July 8 Big Beautiful Balloons

July 15 Sail Away

July 22 Who Lives in a Pond?

July 29 Splish Splash

**Babygarten** Summer Schedule in Barco

June 23 & 30 and July 7, 14, 21, 28

Learn and recite rhymes, learn fingerplays, sing songs, read books, play, make a craft and learn about the parent's role in early literacy.

**Teen Reading Program** June 21 to August 12. For every 3 books read, earn an entry for a drawing for a \$25.00 gift certificate from Amazon.

**Adult Reading Program** June 21 to August 12. For every 3 books read, earn an entry for a drawing for a \$25.00 gift certificate from Amazon. Drawing on August 13.

## FOCUS ON BUSINESS

www.ThinkCurrituck.com



### Take us for a Test Drive

The new Currituck County Economic Development website is a valuable resource for both businesses and citizens in Currituck.

### Key Features

- **Find What You Need:** Find information quickly and easily using the “Find What You Need” feature in the middle of the homepage.
- **Job Listings:** View current job openings for any county business. Business owners can submit openings to be displayed on ThinkCurrituck.com.
- **Bid Opportunities:** View current Currituck County bid opportunities. Sign up for the bid RSS feed to be alerted whenever a new opportunity is posted.
- **Business Database:** A listing of all Currituck County businesses.
- **Commercial Property Listings:** View all available commercial properties for sale in Currituck County.

### Let Us Know What You Think

- Is your business not listed?
- Is your business information correct?
- Is there something we left out?
- Do you have suggestions on how to improve the site?

### Contact

Peter Bishop, Currituck County Economic Development Director  
252-232-6015, pbishop@thinkcurrituck.com



## Parks and Recreation Events

### Important Dates

June 24-27	7-8 Baseball All-Star at Oak City
June 25-27	8U, 10U, 12U, 14U and 16U Softball All-Stars at Dare County
July 1-4	9 Baseball All-Star at Cashie
July 1-4	11 year old Baseball All-Star at Manteo or Currituck
July 1-4	12 year old Baseball All-Star at Kitty Hawk
July 8-11	10 year old Baseball All-Stars at Beargrass
July 15-18	13 year old Baseball All-Stars at Beargrass
July 15-18	14 year old Baseball All-Stars at Roanoke Rapids
July 15-18	13-15 year old Baseball All-Stars at Gates/Perquimans
July 14-16	Storm Football Camp
July 24	Last day for volleyball sign-ups/registration at Parks & Rec office
August 2	Storm Football Practice Begins

**Fall Soccer** Registration is now open. An on-site registration will be held on July 10, 2010 at the Parks and Recreation office from 9:00 a.m. – 12:00 noon; \$20.00 per child.

**Volleyball** Registration is now open. An on-site registration will be held on July 24, 2010 at the Parks and Recreation office from 9:00 a.m. – 12:00 noon; \$20.00 per child.

## DSS Utilizes Support From Interfaith Community Outreach

The Currituck County Department of Social Services (DSS) helps many individuals and local families endure times of hardship. Citizens benefit from a range of services designed to protect and improve living situations for children, adults and families.

Currituck DSS also leans on community-based organizations to help provide for citizens in times of need. One such entity is the Interfaith Community Outreach. This group serves Currituck and Dare county residents and helps families survive during emergency financial situations when other funds are not available. Many families in Currituck faced with critical financial emergencies have been helped by the Interfaith Community Outreach at the recommendation of the Social Services staff.

In its support of Currituck DSS, the Interfaith Community Outreach relies on public events to raise funding. One such activity is the Fish and Chicken Fry held on June 5 at Sound Front Park in Harbinger. During events such as this, all money raised is in turn directly used for client services.

To find out more about supporting Currituck DSS and organizations such as the Interfaith Community Outreach, call the DSS staff at 232-3083.

### Currituck County High School Baseball Camp

Will be held June 14 – June 16 from 9:00AM – 12:00 Noon, rain or shine. Early registration will be \$45.00 per camper. Payment must be received on or before June 11, 2010. On-site registration will be \$55.00. Registration forms are available at Currituck County High School or Currituck County Parks and Recreation. Make check payable to CCHS Baseball. Return your payment and registration form to Justin Hill, CCHS, 4203 Caratoke Highway, Barco, NC 27917 For further information call: Coach Hill 252 337-4690 or Coach Lane 252 455-1507.

### 7th Annual Currituck Knights Basketball Camp

Will be held June 15 – June 18, 2010 from 9:00AM – Noon daily. The cost is \$50.00 for (1) camper and \$80.00 for (2). (Must be in the same family.) The camp is for boys and girls who are rising 3rd– 8th graders. Campers will need a T-shirt, gym shorts, socks and gym shoes daily. Make checks payable to CCHS and mail application to Coach Robert Griffin, CCHS, 4203 Caratoke Highway, Barco, NC 27917. Application deadline is June 10, 2010. For additional info, call 453-0014.

### British Soccer Camp

July 19 – July 23, 2010 at Moyock Elementary School. The camp is for ages 3-16. Register online at [www.challengersports.com](http://www.challengersports.com).

*For information on all activities, call Currituck Parks and Recreation at 232-3007.*

## Senior Center Serves Shut-Ins Good Volunteers Needed!

Many local senior citizens can be described as “shut-ins” because varying factors such as age, medical conditions or other reasons prevent them from operating an automobile. Because of this, a large number of senior citizens in Currituck cannot leave their home to retrieve basic needs, such as meals.

The Currituck Senior Center helps elderly citizens meet one of these needs through its Meal Delivery program. Volunteers deliver nutritious, freshly-prepared meals to senior citizen “shut-ins” throughout the county. This concept not only helps meet a basic need, but also provides each senior citizen with much-needed social contact during the day. The home visits also help alert volunteers to medical emergencies and general welfare of the person.

**The Currituck Senior Center desperately needs citizen volunteers to deliver meals in the Currituck and Moyock areas.** Volunteers to deliver meals in other parts of the county - or to assist in various Senior Center activities - are always welcome as well.

The Currituck Senior Center operates facilities in Knotts Island, Currituck and Powells Point. To register as a volunteer, call Crystal Miller or Carolyn Hewlett at 232-3505.

# Currituck County Flood Outreach

## Do You Know Your Risk?

Many people think that if they do not live near a river or on the Outer Banks, they are not in danger of flooding — not true. Flooding is the nation's number one natural disaster, and it occurs inland and on the coast.

**20-25% of all flood insurance claims filed are outside of a flood zone.**

### Currituck's Local Flood Risk

Anywhere it rains, it can flood. Many conditions can result in a flood: hurricanes, outdated or clogged drainage systems, and rapid accumulation of rainfall.

Flooding is one of the main hazards that affect Currituck County. Over 58.7% of the county is located in a flood zone. The county can experience flooding from hurricanes, tropical storms, nor'easters, heavy rains, and flash floods. The Atlantic Ocean, Albemarle Sound, Currituck Sound, and North River are the primary sources of flooding for the most vulnerable areas of the county. On the Outer Banks, wave action associated with storm surge can be much more damaging than just rising flood waters alone. In addition, nor'easters can cause greater, more prolonged exposure for coastal properties. In low lying portions of mainland Currituck, properties are more susceptible to flooding from typical heavy rain events.

Hurricane Isabel (2003) and Tropical Storm Ernesto (2006) produced several floods and extensive structural damage. Ernesto dropped over seven inches of rainfall in four days resulting in three to four feet of standing water. In September 2009, Moyock experienced six inches of rainfall in six hours causing twelve to eighteen inches of standing water in streets. In November 2009, Currituck County experienced flooding from a nor'easter. Over a 48 hour period parts of the County received thirteen inches.



The chances of hurricanes and tropical storms are most prevalent from June 1 through November 30. August and September are the most active months for tropical storm activity. An approaching hurricane poses a potential danger of rising sea levels with wind driven waves and strong currents. Nor'easters are most prevalent during the winter months from November to March and can cause flooding and serve erosion to water front properties.

Just because you have not experienced a flood in the past, does not mean you will not in the future. Flood risk is not just based on history; it's also based on a number of factors: rainfall, river-flow and tidal-surge data, topography, and changes due to building and development.

**There is a 26% chance of experiencing a flood during the life of a 30-year mortgage in high-risk flood areas (A or V zones) compared to a 10.4% chance of fire.**

### Flood Warning System

The Emergency Operations Center maintains direct contact with the National Weather Service and the National Hurricane Center. Any updates of threatening weather are relayed to the public. Local officials will notify citizens of evacuations through radio, cable tv, and the **Currituck County Emergency Management Department**.

Evacuees will be directed to shelters by law enforcement at traffic control intersections and through bulletins on the radio/tv/website.

**Radio Stations:** WXER 94.1; WRSF 105.7; WCMS 94.5; WVOD 99.1; WERX 102.5; WKJK 96.7; WCXL 104.1; WGAI AM 560; NOAA Weather Radio: - Cape Hatteras 162.475 MHz, Norfolk, VA 162.550 MHz

**TV Stations:** WTKR 3; WAVY 10; WVEC 13; WSKY 4; WITN 7; Mediacom Ch. 18; Charter Ch. 19

### Flood Safety

Floods can happen anywhere, at any time. Know your risk and be prepared! Have a flood evacuation plan in place before flooding occurs. This includes safe routes from home, work, and school that are on high ground. Have an emergency kit ready before a flooding or storm event that includes a portable radio, flashlight batteries, blankets, extra clothing, baby products, non-perishable food, manual can opener, medicines, toiletries, and important papers such as insurance information. Also, make a complete inventory of the contents of your house. Take pictures and describe the inventory. This will be helpful in the event you receive damage and are seeking assistance.

If you are asked to evacuate due to flooding, hurricane, or other hazard, lock all windows and doors before you leave. Turn off the electricity at the main breaker terminal and gas system at the outside source - only if you know how. Unplug small appliances and place towels or rugs around any openings to prevent seepage. Lightweight or easily damaged items should be moved to the highest location possible, secured, and covered with plastic. Be sure to secure outdoor furniture and potted plants. These items can become projectiles during high winds. If you cannot take your pets with you, put out food and water.

Once an evacuation has been issued, be prepared to leave immediately. Do not stay in areas subject to flooding when water begins to rise. As you leave, do not drive through flood waters. If your vehicle stalls, leave it immediately and move to higher ground.

**Cars will float in less than one foot of water, and 2 feet of water will carry away most vehicles, including SUVs.**

### Substantial Improvement

No new building should be constructed and no substantial improvements of an existing building should take place within any floodplain unless the lowest floor of the building or improvement is flood-proofed or elevated to or above the base flood level.

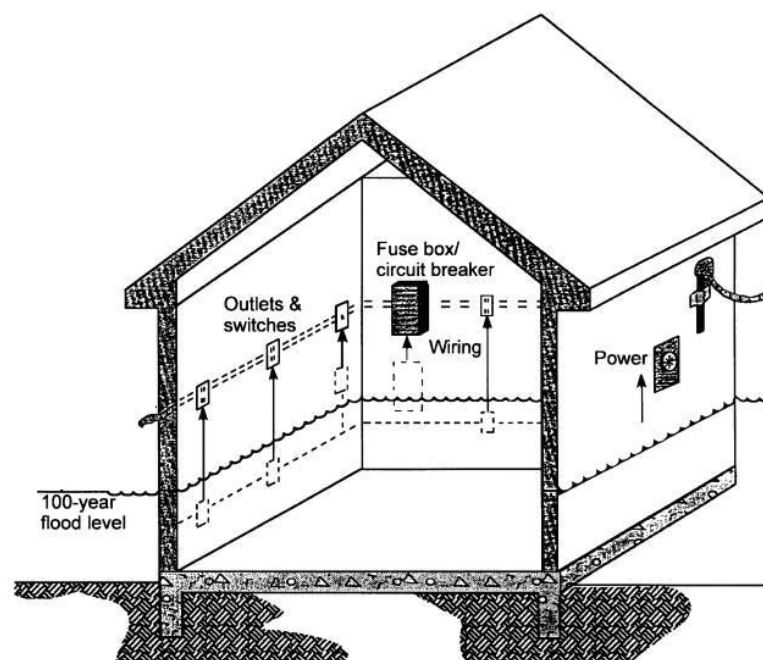
Substantial improvement means any repair, reconstruction, or improvement of a building the cost of which equals or exceeds fifty percent (50%) of the market value of the structure either before the improvement or repair is started or if the structure has been damaged and is being restored, before the damage occurred. Substantial improvement occurs when the first alteration on any wall, ceiling, floor, or other structural part of the building commences, whether or not that alteration affects the external dimensions of the building. The term does not include either any project for improvement of a structure to comply with existing state or local health, sanitary or safety code specifications that are solely necessary to insure safe living conditions, or any alteration of a building listed on the National Register of Historic Places or a State Inventory of Historic Places.

### Property Protection Measures

There are many alternatives available to help minimize and mitigate flooding. The following improvements can be made to an existing structure to help reduce or eliminate flood damage risks.

They include:

- Elevating the entire structure above the Base Flood Elevation (BFE)
- Elevating crucial home infrastructure- such as electrical outlets, breaker or fuse boxes, water heaters, HVAC equipment and fuel tanks.
- Installing openings in flood-prone areas below BFE to allow floodwaters to flow through.
- Installing sewer backflow valves to prevent sewage backup in a flood.
- Installing storm shutters and reinforcing garage doors.



Currituck County can also help you reduce your property's flood hazard by providing you with a list of licensed contractors and consultants who are knowledgeable about retrofitting techniques and construction to make your house or building safer. Call the Planning Department at 252.232.3055 for help in identifying and examining different ways to retrofit an existing building and advice on siting and building new structures.

If a flood is imminent, property can be protected by sandbagging areas where water might enter living spaces. Valuables and furniture may be moved to higher areas of the dwelling to minimize loss. Whatever emergency protection measures are used, it is always best to have a written plan in advance.

Additional information can be found at the Federal Emergency Management Agency's Web site at <http://www.fema.gov/plan/prevent/floodplain/publications.shtm>. Under the "Floodplain Management" heading, several items explain how you can protect your property.

**Homeowner insurance policies do NOT cover flooding.**

**Flood Insurance**

When it comes to flood protection, your homeowner's policy is not enough. Typical policies do not cover losses due to flooding.

Many people are under the misconception that they are ineligible for flood insurance because of where they live, or their mortgage status. But the truth is, as long as Currituck County remains in the National Flood Insurance Program (NFIP) program, most homeowners, business owners, and renters can get flood insurance.

The County urges consumers to remember the flood insurance basics:

- You CAN get flood insurance if you live in a floodplain or high-flood-risk area.
- You CAN get flood insurance if you live outside a floodplain, or a low-to-moderate flood-risk area, - and at lower cost.
- You CAN get flood insurance if your property has been flooded before.
- You CAN get flood insurance from insurance agents in your area.
- You CAN buy flood insurance even if your mortgage broker doesn't require it.

Armed with the proper information about their flood risk and protection options, consumers can make more informed decisions to protect their financial investments.



Flood insurance is available for most enclosed buildings covering both structures and contents. This includes homes, condominiums, mobile homes on foundations, businesses or commercial structure and farms. The contents of rental units are also insurable. You can find out more about obtaining flood insurance, and the parameters of its coverage, by contacting any licensed property or casualty insurance agent or broker.

There is a **30-day waiting period** between the purchase of flood insurance and when coverage begins to prevent purchasing insurance when a major storm is forecast (only to cancel the policy when the threat passes).

The following exceptions apply:

- When the purchase of insurance is done in connection with making, increasing, extending or renewing a loan.
- When the purchase of insurance occurs during the one-year period following issuance of a revised flood map for a community.

If a flood strikes, the type and amount of federal disaster assistance you can receive is affected by whether you have flood insurance - making it all the more important to have a policy before a flood threatens.

**What is the National Flood Insurance Program?**

The NFIP is a federal program enacted in 1968 that makes flood insurance available in communities that enact floodplain management regulations; Currituck County has adopted these regulations. This insurance is available to buildings in flood prone areas that comply with these regulations (or which were in existence prior to their enactment). This coverage protects you even when a federal disaster isn't declared (which is required for most federal disaster assistance to be offered). And it's paid for by policy premiums -- not tax dollars.

This coverage has its limits, however. Single-family homes or other residential structures

are limited to \$250,000 in damages, while commercial and other structures are capped at \$500,000. For contents-only policies, residences are limited to \$100,000 in damages, while the contents of commercial and other structures are capped at \$500,000.

**Community Rating System (CRS)**

Currituck County is an active participant in the Community Rating System (CRS). CRS is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements.

As a result, **flood insurance premium rates in Currituck County are discounted 10%** to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS:

1. Reduce flood losses
2. Facilitate accurate insurance rating
3. Promote the awareness of flood insurance.

Contact the **Currituck County Planning Department** for flood zone information, a flood determination and/or copies of elevation certificates at 252.232.3055.

**Floodplain Development Permit Regulations**

All "development" in Currituck County should be permitted through the Planning Department. Development is defined as any man-made change to improved or unimproved real estate, including, but not limited to, buildings or other structures, mining, dredging, filling, grading, paving, excavation, or drilling operations, or storage of equipment or materials.

Contact the Currituck County Planning Department for advice on how to best mitigate your structure from flooding. **The way a structure is built can directly affect the cost to insure the building.** There are special provisions in the Unified Development Ordinance and the building code that regulate construction and other development in the floodplain. Without those provisions, flood insurance through the NFIP would not be available to property owners in Currituck County.

**Just one inch of water in your house can cause as much as \$8,700 worth of damage.**

**Natural and Beneficial Functions of Floodplains**

Currituck County is a beautiful place to live. The undisturbed marshes, rivers, and wetlands provide a wide range of benefits to both human and natural systems. While the areas adjacent to our shorelines are most at risk, they are also the most popular areas for people to live.

Floodplains along the coastal barrier islands, sound, rivers, wetlands, and marshes provide a buffer to accommodate temporary flooding (tidal or storm driven). This buffer, in combination with prudent development, allows for buildings to weather intermittent flooding with a minimum of disruption and cost. These floodplains also offer valuable habitat for plants and animals, and typically are highly prized recreational resources that provide access to the water as well.

The county also maintains drainage channels and ditches for storm water management purposes in designated service districts. Soil and Water Conservation maintains these districts on a regular basis. This natural and developed drainage way system must be kept clear of debris and trash that could hold back the flow of flood waters. To report drainage problems or inquire about the service districts, call the **Currituck County Soil and Water Conservation** office at 252.232.3360.

State law and county ordinance also prohibits dumping in these waterways. If you see someone illegally dumping items into a waterway that could cause an obstruction or create flooding, call and report it to the Currituck County Soil and Water Conservation at 252.232.3360.



# 2009 Annual Drinking Water Quality Report

presented by the Currituck County Water Department

We are pleased to present the *2010 Annual Drinking Water Quality Report*. This report is a snapshot of last year's water quality. Included are details about from where your water comes, what it contains and how it compares to standards set by regulatory agencies. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources.

We are committed to ensuring the quality of your water and to providing you with this information, because informed customers are our best allies. If you have any questions about this report or concerning your water, please contact Dennis Curtis at 232-6060 Ext. 1.... We want our valued customers to be informed about their water utility.

## What EPA Wants You to Know

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer under going chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Currituck County Water is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; and radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

## When You Turn on Your Tap, Consider the Source

The water that is used by this system comes from 31 groundwater wells located off Maple

Road and drawing from the Yorktown Aquifer. Currituck County Mainland Water utilizes Reverse Osmosis and Manganese Greensand Filtration treatment processes.

## Source Water Assessment Program (SWAP) Results

The North Carolina Department of Environment and Natural Resources (DENR), Public Water Supply (PWS) Section, Source Water Assessment Program (SWAP) conducted assessments for all drinking water sources across North Carolina. The purpose of the assessments was to determine the susceptibility of each drinking water source (well or surface water intake) to Potential Contaminant Sources (PCSs). The results of the assessment are available in SWAP Assessment Reports that include maps, background information and a relative susceptibility rating of Higher, Moderate or Lower.

The relative susceptibility rating of each source for Currituck County Water was determined by combining the contaminant rating (number and location of PCSs within the assessment area) and the inherent vulnerability rating (i.e., characteristics or existing conditions of the well or watershed and its delineated assessment area). The assessment findings are summarized in the table below:

## Susceptibility of Sources to Potential Contaminant Sources (PCSs)

Source Name	Susceptibility Rating	SWAP Report Date
Currituck Wells 3,6,8,9,14,26	Lower	2005
Currituck Wells 1,2,4,5,7,10,11,12,13,15,16,17,18,19,20,21,22,23,24,25,27,28 -	Moderate	2005

The complete SWAP Assessment report for Currituck County Water may be viewed on the Web at: <http://www.deh.enr.state.nc.us/pws/swap>. Please note that because SWAP results and reports are periodically updated by the PWS Section, the results available on this web site may differ from the results that were available at the time this CCR was prepared. If you are unable to access your SWAP report on the web, you may mail a written request for a printed copy to: Source Water Assessment Program – Report Request, 1634 Mail Service Center, Raleigh, NC 27699-1634, or email requests to [swap@ncmail.net](mailto:swap@ncmail.net). Please indicate your system name, PWSID, and provide your name, mailing address and phone number. If you have any questions about the SWAP report please contact the Source Water Assessment staff by phone at 919-715-2633.

It is important to understand that a susceptibility rating of "higher" does not imply poor water quality, only the systems' potential to become contaminated by PCS's in the assessment area.

## Violations that Your Water System Received for the Report Year

During 2009, or during any compliance period that ended in 2009, Currituck County Mainland Water received no violations.

## Water Quality Data Table of Detected Contaminants

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The table below lists all the drinking water contaminants that we detected in the last round of sampling for the particular contaminant group. The presence of contaminants does not necessarily indicate that water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, 2009. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

## Important Drinking Water Definitions

Not-Applicable (N/A) – Information not applicable/not required for that particular water system or for that particular rule.

Non-Detects (N/D) - Laboratory analysis indicates that the contaminant is not present at the level of detection set for the particular methodology used.

Parts per million (ppm) or Milligrams per liter (mg/L) - One part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter (ug/L) - One part per billion corresponds to

## Paying Water Bills In Person

Some county residents may be unaware of the Water Department's office and customer-service center location, which is housed at the **Mainland Water Plant** on Maple Rd. This facility includes a convenient drive-up window for customers wishing to pay water bills in person, allowing them to complete the transaction while remaining in their vehicle.

Residents may have previously paid bills at the Water Department's former office at the Historic Courthouse complex. That building now houses offices for the County Engineer and Public Works Department, and is no longer the appropriate site for paying water bills in person. Bill pay is also available online, at [www.CurrituckGovernment.com](http://www.CurrituckGovernment.com). For any questions regarding your water bill or service, contact the Currituck County Water Department at 232-2769.



one minute in 2,000 years, or a single penny in \$10,000,000.

**Picocuries per liter (pCi/L)** - Picocuries per liter is a measure of the radioactivity in water.

**Nephelometric Turbidity Unit (NTU)** - Nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

**Action Level (AL)** - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Maximum Contaminant Level (MCL)** - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG)** - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Extra Note: MCLs are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

**Microbiological Contaminants**

Contaminant (units)	MCL Violation Y/N	Your water	MCLG	MCL	Likely source of contamination
Total Coliform Bacteria (presence or absence)	N	0	0	One positive monthly sample	Naturally present in the environment
Fecal Coliform or E. coli (presence or absence)	N	0	0	0 (Note: The MCL is exceeded if a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or E. coli positive)	Human and animal fecal waste

**Inorganic and Organic Contaminants (IOC's)** (regulated and unregulated)

Sampled 6/18/07 All contaminants were below detection limits.

**Nitrate/Nitrite Contaminants** Sampled 6/03/09 Result: 1.07 mg/l (Allowable limit 10.00 mg/l)

**Synthetic Organic Chemical (SOC) Contaminants** Including Pesticides and Herbicides Sampled 9/14/09 and 11/18/09 All contaminants were below detection limits.

**Volatile Organic Chemical (VOC) Contaminants**

Sampled 1/7/09 Result: Xylenes 0.0008 mg/l (Allowable limit 10.00 mg/l)

Sampled 4/8/09 Result: Xylenes 0.0012 mg/l (Allowable limit 10.00 mg/l)

Sampled 4/8/09 Result: p-Dichlorobenzene 0.0012 (Allowable limit 0.075 mg/l)

Sampled 7/7/09 and 10/5/09 All contaminants were below detection limits.

**Radioactive Contaminants** Sampled 9/14/09 and 10/5/09 All contaminants were below detection limits.

**Unregulated Inorganic Contaminants**

Contaminant (units)	Sample date	Your water	Range Low-High	Secondary MCL
Sulfate (ppm)	6/18/07	12.8	n/a	250

**Lead and Copper Contaminants (Next sampling due 2010)**

Contaminant (units)	Sample date	Your water	# of sites found above the AL	MCLG	MCL	Likely source of contamination
Copper (ppm) (90th percentile)	12/02/09	0.116	0	0	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb) (90th percentile)	12/02/09	0	4	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits

**Disinfectants and Disinfection Byproducts Contaminants**

Contaminants (units)	MCL/MRDL violation Y/N	Your water	Range Low-High	MCLG	MCL	Likely source of contamination
TTHM (ppb) (Total trihalo-methanes)	Y	37.5	22-53	n/a	80	By-product of drinking water chlorination
HAA5 (ppb) (Total Halo-acetic acids)	N	10.4	6.3-14.8	n/a	60	By-product of drinking water disinfection
Bromate (ppb)	N	n/a		0	10	By-product of drinking water disinfection
Chlorite (ppm)	N	n/a		0.8	1	By-product of drinking water chlorination
Chlorine Dioxide (ppb)	N	n/a		MRDLG = 800	MRDL = 800	Water additive used to control microbes
Chloramines (ppm)	N	n/a	2-4	MRDLG = 4	MRDL = 4	Water additive used to control microbes
Chlorine (ppm)	N	0.8	.4-3.9	MRDLG = 4	MRDL = 4	Water additive used to control microbes

**Secondary Contaminants**, required by the NC Public Water Supply Section, are substances that affect the taste, odor, and/or color of drinking water. These aesthetic contaminants normally do not have any health effects and normally do not affect the safety of your water.

**Water Characteristics Contaminants**

Contaminant (units)	Sample date	Your water	Range Low - High	Secondary MCL
Iron (ppm)	Daily	0.01	n/a	0.3
Manganese (ppm)	Daily	0.02	n/a	0.05
Nickel (ppm)	n/a		n/a	n/a
Sodium (ppm)	n/a		n/a	n/a
pH	Daily	7.6	n/a	6.5 to 8.5

During the period **January through June 2009**; Currituck Mainland Water purchased water from S. Camden Water to supplement our system and the following is a synopsis of the S. Camden Water CCR. The water that is used by this system is ground water drawn from four wells located off of Chantilly Road.

**Violations that South Camden Water System Received for the Report Year**

During 2009, or during any compliance period that ended in 2009, we did not receive any violations.

South Camden Water 2009: Summary of Water Constituents:

**Unregulated Inorganic Contaminants**

Contaminant (units)	Sample date	Your water	Range Low - High	Proposed MCL
Sodium (ppm)	04/08/09	88.100	n/a	n/a

**Lead and Copper**

Contaminant (units)	Sample date	Your water
Lead (ppm)	06/10/09	N/D
Copper (ppm)	06/10/09	.056

**Disinfection by Product Contaminants**

Contaminant (units)	Your water	MCL
TTHM (ppb)	12	80
HAA5 (ppb)	3.5	60



# HURRICANE SEASON 2010

[Preparation Saves Lives & Property!](#)

## Evacuation Assistance & Volunteer Registration

If you will need assistance or will be able to help others during a disaster, register now by completing the card below and returning it to:

Currituck County Emergency Management  
P.O. Box 240  
Currituck, NC 27929

## Special Needs Registry

Currituck County maintains a registry of special needs citizens who will need assistance during a severe weather emergency and evacuation. This information is used to help ensure those who cannot evacuate on their own - due to age, medical conditions or other reasons - are transported to safer areas. Please contact the Currituck County Department of Social Services (232-3083) or Emergency Management (232-2115) if you know someone who may need assistance during an emergency evacuation.

CURRITUCK COUNTY EMERGENCY MANAGEMENT (NOTE: ONE REGISTRATION PER PERSON AGE 18 AND OVER)										
EVACUATION / ASSISTANCE REGISTRATION DATA CARD										
LAST NAME				FIRST NAME				AGE		
ADDRESS				NC						
HOUSE #	STREET NAME			CITY			STATE	ZIP CODE		
TEL#	OTHER TEL #			E-MAIL						
<b>IN THE EVENT OF AN EVACUATION, I WOULD NEED ASSISTANCE WITH:</b> (Put an <input type="checkbox"/> in the Block next to all that apply)										
Transportation to a shelter			Clean-up after a storm			<b>I CAN HELP!</b> IN THE EVENT OF AN EVACUATION, I WOULD: (Put an <input type="checkbox"/> in the Block next to all that apply)				
Language interpretation If yes, what language? _____			Temporary housing if your home is uninhabitable			Give a neighbor a ride				
Special needs due to medical or other special considerations If so, please briefly describe: _____			Financial assistance to cover evacuation costs If financial, what type? _____			Take a neighbor with me				
						Be on a Food-Ice-Water Crew				
						Offer myself as an interpreter				
						What language? _____				
						Be on a Yard Clean-Up Crew				
						I would volunteer to train to be on a Community Emergency Response Team (CERT).				
			If you have a pet(s), what type of pet(s)? _____							
			Caring for this pet(s) might impact my decision to evacuate							
I certify, with my legal signature, that I understand the contents of this form, and that all information I have provided is true.										
							LEGAL SIGNATURE		DATE	

FOR OFFICIAL USE ONLY: This information will be maintained by the Currituck Emergency Management Office. All appropriate Privacy Act Laws Apply.

## Key Points in Hurricane Safety Preparation

- Have an Evacuation Plan for your family.
- Maintain an updated Hurricane Safety Kit.
- Secure your home and property ahead of time.
- Monitor the storm & listen for evacuation orders.
- Know the county's Re-Entry policy.

### Severe weather information sources:

Currituck Emergency Management: 232-2115  
Emergency Management Hotline: 232-6010

[www.CurrituckGovernment.com](http://www.CurrituckGovernment.com)  
[www.ReadyNC.com](http://www.ReadyNC.com)  
[www.NOAA.gov](http://www.NOAA.gov)

**NEW:** AM radio 1610, located in Corolla, will broadcast public safety messages. Tune in for important updates throughout a severe weather emergency.

### Currituck County Board of Commissioners

Paul O'Neal, Chairman	Vance Aydlett, Vice-Chairman
Owen Etheridge	Gene Gregory
Barry Nelms	John Rorer
Janet Taylor	

Contact the Clerk to the Board of Commissioners at 232-2075.  
Find meeting schedules and agendas at [www.CurrituckGovernment.com](http://www.CurrituckGovernment.com).

### Public Information Resources

- Currituck County Government Website, [www.CurrituckGovernment.com](http://www.CurrituckGovernment.com)
- "eGoose" bi-monthly free email newsletter - Register on county website
- Mediacom Ch. 18, Charter Ch. 19
- "Public Matters" radio talk show, Sundays at 7:30 a.m. on WCDG 92.1
- Public Information Officer: 252-232-0719
- County Manager's office: 252-232-2075

Focus on Currituck is designed and produced by the Public Information Officer. For comments, questions or additional copies call 232-0719.

County of Currituck  
P.O. Box 39  
Currituck, NC 27929

**FOCUS ON CURRITUCK**  
SUMMER 2010

PRSR STD  
U.S. POSTAGE  
**PAID**  
PERMIT #37  
Nags Head, NC  
27959

**POSTAL PATRON**

Currituck County is committed to equal opportunity and nondiscrimination in all programs and services, and does not discriminate on the basis of sex, race, color, age, sexual orientation, national origin, religion, creed, ancestry, disability, or veteran status.