Focus on Currituck

A Report to the Community

Summer 2009

LOOK **INSIDE**

County Makes Large Jump in State Recycling Ranking, page 2

CCHS Students Pitch In at Maple Park, page 2

New Faces, page 3

Hurricane Preparedness - Be Ready Now!, page 3

Maple-Barco Area, Planning for the Future, page 3

Handy Homer Gives Helpful Advice, page 4

County Events - Get Out and Enjoy Currituck, page 5

Annual Drinking Water Quality Report, pages 6 - 7

Library events, page 8

ON SAND AND SURF **COROLLA OCEAN RESCUE**

HIGHLY-SKILLED CREW KEEPS CURRITUCK BEACHES SAFE

Beachgoers on the Currituck Outer Banks can enjoy a relaxing vacation, because a well-trained group of lifeguards keeps a watchful eye for any sign of trouble on the beach or in the water.

Corolla Ocean Rescue has kept residents and tourists safe for many years, as a service provided through occupancy tax revenue. The staff includes 42 lifeguards who watch over 23 miles of beach. Each member completes an intensive two-week training course and is certified in medical response, CPR and ocean rescue techniques. The lifeguards are also trained to operate the squad's jet ski, boat, and ATVs.

A majority of lifeguards have worked previous summers in Currituck, providing valuable experience and knowledge of the local beaches. A large number are college athletes, a fact that has helped Corolla win the area Lifeguard Olympics seven years in a row.

Lifeguard Meggin Hubbard

"We have some very impressive lifeguards. We've been lucky to have such a great staff," said Division Chief Sylvia Wolff, who is beginning her 10th year in Corolla.

continued on page 4

CARATOKE CORRIDOR MAINTAINING BEAUTY FOR ALL

Currituck County officials will begin meeting with property owners along Caratoke Highway in June as an effort begins to maintain and enhance the beauty of the Caratoke Corridor.

As the county's main roadway, Caratoke Highway is the backbone of Currituck. The Caratoke Corridor is an integral component to the development of Currituck, and county staff hopes to cooperate with residents and businesses to keep a clean and attractive corridor.

Caratoke Highway serves many residents and businesses on a daily basis, and is a gateway to the Currituck Outer Banks for thousands of tourists each summer. More than 25,000 vehicles travel the corridor daily, increasing to more than 50,000 per day during the summer season.

Staff members of the Economic Development, Planning, and Inspections Departments will begin meeting with property owners along the corridor to discuss a range of issues, including economic development, signage, outdoor storage, vehicles, and display items.

continued on page 4

MAINLAND WATER PLANT SUMMER OPENING

Currituck County celebrates the opening of its new Mainland Water Plant expansion in June. The new Reverse Osmosis facility, located on Maple Rd., will first produce 1.5 million gallons of water per day (mgd) to meet the needs of mainland residents and businesses.

Residents should be aware of the potential for temporary brown-water issues at start-up. This is due to reverse osmosis water cleaning the insides of pipes as it is delivered. However, the county will perform flushing to ease any potential short-term discoloration.

In addition to the treatment plant, the facility includes a new customer service area with a drive-up window for bill paying. Also onsite are administrative offices and a laboratory certified for analysis of coliform bacteria and Division of Water Quality parameters.

The plant is designed to expand to 3.0 mgd, with an ultimate capability to reach 5.0 mgd. Water supply for

continued on page 4

A panoramic view of Currituck County's new Mainland Water Plant in Maple

CURRITUCK RECYCLING MAKING IMPROVEMENT WITH RESIDENTS' HELP

Currituck County jumped into the top 20 in the state's ranking of counties based on recycling tonnage per capita in the latest data provided by the North Carolina Department of Environment and Natural Resources (NCDENR).

NCDENR's Division of Pollution Prevention and Environmental Assistance now ranks Currituck 19th among all 100 state counties, based on data from the 2007 - 2008 fiscal year. This placement is a significant improvement from the previous year, in which Currituck ranked 27th among North Carolina counties.

Currituck recycled 1,713.42 tons in 2007 - 2008. According to state data, Currituck County recycled 144.40 pounds per resident during that timeframe, representing a 12% increase in recycling tonnage per capita. Currituck's Recycling Program has been bolstered by new multi-item compactors at each of the county's eight Recycling Centers. These machines were in place by Jan. 1, 2009, and collect all household and office recyclable items except for glass. This feature makes recycling easier for residents who no longer have to sort items, except for glass.

For glass recycling, Currituck now has separate glass containers at each center. All glass items are sent for recycling in Elizabeth City, N.C. Overall, the county's new equipment means more items are being recycled and less material is being sent into landfills.

"Our recycling program is working," said Brenda McQueen, Currituck Public Works Superintendent. "With the new recycling compactor and glass collection containers, we hope to do even better this year. We thank all the residents and vacationers that participate."

More recycling upgrades will take place later this year, as state bans on the disposal of certain items into landfills come into effect. These will include whole scrap tires, motor vehicle oil filters, wooden pallets, and rigid plastic containers such as bottles. All of these items will be banned from landfills beginning October 1, 2009. Items to be banned from landfills at a later date will include computer equipment and televisions.

YOUTH MOVEMENT CCHS CREW LENDING HAND AT MAPLE PARK

A group of Currituck County High School students is promoting education on the dangers of tobacco use while helping maintain the attractiveness of Maple Park.

CCHS' Dream Team, "Daring to Role Model Excellence as Athletic Mentors", is an organization of high-performing students. It has begun by picking up cigarette butts from the park's grounds. Maple Park, located on Airport Rd., includes a skate park, playground, ball fields, picnic pavilion, walking trails and horse trails.

The group attended a workshop on community change, and were awarded a $500 grant to improve their community in the awareness of tobacco use. Plans include planting flowers, placing a bench at the park, and painting an anti-tobacco themed mural.

Anyone interested in lending support to the DREAM Team can call CCHS at 453-0014.

SLOW IT DOWN
PRACTICE TRAFFIC SAFETY THIS SUMMER

More than 42,000 people die as the result of traffic crashes each year, and hundreds of thousands more are seriously injured. Unfortunately, some of these accidents occur in Currituck County. With proper safety, many can be prevented.

According to the National Highway Traffic Safety Administration, traffic crashes are the leading cause of death for people ages 3 - 33. Children involved in fatal accidents may often be passengers in vehicles, so all drivers must develop safe driving habits to help keep children safe.

With the heavy summer traffic traveling through the 168/158 corridor, it's easy to forget that the rural back roads of Currituck County can also be a dangerous place. Roadways such as South Mills Rd. can be very hazardous if speeding. Though short in distance, sections like this which include curves can pose a serious threat to drivers who are speeding.

What You Can Do To Help

- Make sure everyone buckles their seat belt.
- Place infants and toddlers in correct car or booster seats.
- Obey posted speed limits.
- Slow down for winding, curving roads.
- Reduce speed in rain and fog.
- Do not tail gate or follows others too closely.
- Do not distract yourself with cell phones.

For more information, contact the Community Child Protection Team, via the Department of Social Services at 232-3083, or the Currituck Sheriff's Office at 453-8204.

PLANNING DEPARTMENT
2008 ANNUAL REPORT

In 2007, the Currituck County Planning Department began, for the first time, producing an Annual Report to highlight local trends and development projects.

The Annual Report provides yearly information on new planning policies that have been pursued or adopted, major projects approved for development, graphs indicating the amount and intensity of development, and building permit information.

The Planning staff will release these reports on a yearly basis to keep the citizens and local officials informed of development decisions and policy initiatives.

The 2008 Annual Report is expected to be available early this summer. For information on obtaining a copy of the document, or to discuss any matter concerning development in Currituck County, contact the Planning Department at 232-3055.

HURRICANE SEASON BE READY NOW

Currituck County has not had to face the effects of a major hurricane in quite a few years, but that doesn't mean Currituck is a stranger to adverse weather. Always be prepared!

Helpful info for those new to the area
- There are NO pre-storm shelters in Currituck County. Going to a shelter should be your last resort. Listen to radio news or visit the county website, www.currituckgovernment.com, for out-of-county shelters that will host evacuees.
- Re-entry permits are needed for residents or property owners on the Outer Banks. Mainland Currituck does not use re-entry permits.

SEVERE WEATHER SAFETY TIPS

- Prepare a family hurricane kit.
- Visit www.readync.com for helpful checklists.
- Check the expiration dates on all supplies.
- Check your homeowner's insurance policy for any changes you may need.
- Create a family Emergency Plan.
- Do you or someone in your family have a special medical need or require elderly assistance? Currituck County has a Special Needs Registry. Call the Emergency Management Office, 232-2215, or Department of Social Services, 232-3083, to register.

2009 Tropical Storm Forecast from Colorado State University Tropical Meteorology Project
http://hurricane.atmos.colostate.edu/Forecasts/

- Predicted 12 Named Storms - six may be Hurricanes, two may be intense Hurricanes
- There is a 54% chance of hurricane making landfall on the U.S. eastern coast.

MAPLE - BARCO PLANNING FOR THE FUTURE

The Planning Department in 2008 kicked off its first small area plan effort in the Maple – Barco vicinity. A small area plan is specific to a well-defined geographic area and includes much detail and specific objectives. Due to the narrow focus, it often encourages participation by property owners, residents, and business owners.

The plan is not a regulatory document. It recommends official policies and regulatory actions. Once adopted, the plan represents the official policy direction of the Board of Commissioners and will guide growth and development for the specific area.

The primary purpose of the Maple Small Area Plan is to balance growth and economic expansion with the character of the existing community. This includes the growth of the airport facility, protecting county resources, pre-serving the agrarian heritage of the area, and maintaining a high quality of life for residents.

In the Fall of 2008, an advisory committee was organized to assist staff with initial feedback from residents. This is comprised of members from the Planning Board, Economic Advisory Board, Tourism Board, Airport Advisory Board, and a citizen at large member.

The committee was asked to identify opportunities for positive growth and obstacles to the planning process and positive development of the area. The group was also asked to envision the Maple area in ten years, and determine what makes the area unique. With the help of the advisory committee, Staff has developed a set of draft policy statements.

In April 2009, a public outreach meeting was held to give citizens the opportunity to review the draft policies and provide feedback. A copy of the draft small area plan will be completed by Summer 2009. Information about the small area plan can be viewed at www.co.currituck.nc.us/planning.cfm.

HISTORIC FOCUS JARVISBURG COLORED SCHOOL

The Historic Jarvisburg Colored School stands as a tribute to early African-American education in Currituck County. Established in 1868, the school was housed in this building until 1950.

Preservation North Carolina recognized the local restoration effort for the school by awarding a 2008 Gertrude S. Carraway Award of Merit to Historic Jarvisburg Colored School Association for its role in preserving the school.

This non-profit organization has received a significant amount of support from the Currituck Board of Commissioners, along with many contributions from local individuals, alumni, and businesses. The restoration of the school is a step towards maintaining the heritage of Currituck County, and the building's location on Caratoke Highway is easily accessible to visitors. The site also adds to the attractions available along the county's mainland section. Once complete, the site is expected to include a museum to tell the school's story and highlight early education in Currituck County. The school in Jarvisburg was one of several African-American schools in early Currituck, and the museum will provide information on the other buildings as well.

For more on the story of the Historic Jarvisburg Colored School, visit the organization's website at www.historicjarvisburgcoloredschool.com.

NEW FACES
IN COUNTY OFFICES

Marina Lilley
Social Services

Marina, a former prevention/at-risk family social worker from Dare County, comes to Currituck with a strong foundation of skills and professionalism.

Marina graduated from East Carolina University with a Bachelor of Arts degree in Psychology. She is trilingual in English, Spanish, and French, an incredible array of skills which benefits the residents of Currituck County.

As a Social Work Investigator/assessment and treatment worker, Marina will help families care for children and bridge any gaps in services by identifying resources for family aid - a truly important role in DSS.

Stuart Chamberlain
Travel & Tourism

Stuart is the new Web Development Specialist/E-marketing specialist for the Travel & Tourism and Economic Development departments.

In his dual role, Stuart will evaluate and research Internet marketing avenues, assist in maintaining the Tourism website, and help build a new Economic Development website.

Stuart has a B.S. in Management from Virginia Tech and five years experience in the tourism industry. He resides in Powells Point with his wife and two dogs, and is very excited about the opportunity to help promote the area to new visitors and prospective businesses.

Div. Chief Sylvia Wolff (L) and Capt. Scott Simpson

COROLLA OCEAN RESCUE from page 1

In addition to lifeguard skills, many staff members also hold EMT certification. The staff also enjoys excellent cooperation with the Corolla Volunteer Fire Department, with which it shares its building.

"We have great support from the fire station and EMS," Wolff said. "It's not only essential, it's incredible."

Along with keeping an eye on the surf, the lifeguards interact well with beachgoers. The staff's SEAL Program for children is extremely popular. Meeting twice each Tuesday, the lifeguards teach children ages 6 - 14 about ocean safety, basic first aid, and local wildlife. On July 4, 2008, the program hosted more than 150 children, Wolff said.

Comaraderie among the lifeguards is very strong, many of whom live together near the beach. While the ocean lifestyle helps attract many qualified candidants each summer, visitors are ensured that each lifeguard understands the group's role.

"It's a lot of fun," Wolff said. "But safety is our first priority. The people who work for me really want to be here, and that's great."

WATER PLANT from page 1

the system comes from the Middle Yorktown aquifer. Three water supply wells have been constructed with a 12-hour safe yield. A new raw water transmission main conveys water from the well sites to the plant.

Reverse Osmosis treatment manages the water's high levels of chlorides, as well as high concentrations of total organic carbon and color. Treatment processes include cartridge filtration and reverse osmosis units in series. The Mainland plant also utilizes aeration and greensand filtration for treatment of groundwater from the surficial aquifer as well as the Middle Yorktown aquifer.

Currituck County is pleased to bring this new facility online this summer. This project should ensure a high quality water service on the mainland for many years. For more information on the new Mainland Water Plant, contact the Currituck Water Department at 232-2769.

BUSINESS INFO REGISTRY

The Currituck County Sheriff's Office and Communications Center request that all local businesses update emergency contact information on file with county staff. This information will be used only in the course of an emergency to alert business owners of events or situations that may affect the business establishment.

Without this crucial contact information, the county's ability to contact business owners in a timely manner may be delayed.

This information can be updated online, at currituckgovernment.com, under the Sheriff's Office tab. Please take a few minutes to complete this digital form and click the submit button at the bottom of the screen.

For questions or more information, contact Currituck Communications at 232-2216.

GOT MOSQUITOES?

Call for help! 232-6047

HANDY HOMER says

"Watch out for those code changes! Code now requires all windows on the Barrier Islands to meet the large Missile Test of ASTM E 1996 and ASTM E 1886."

Contact Handy at Handy.Homer@co.currituck.nc.us

STAFF DEVELOPMENT

The Currituck County Planning Department is pleased to announce that **Jason Litteral** successfully completed requirements of the North Carolina Association of Floodplain Managers.

In addition to his other duties on staff, Jason is now a Certified Floodplain Manager.

Veronica Brown (left) and **Diane Nordstrom** (right) of the Travel and Tourism Department completed a three-year program at the Southeast Tourism Society's Marketing College.

The pair each earned certification as a Travel Marketing Professional.

CARATOKE CORRIDOR from page 1

These site visits will serve many purposes, including:

- Engage property owners in productive conversation and improve community relationships with county government;
- Inform property owners of current codes and ordinances;
- Discuss solutions to possible conflicts with codes or ordinances;
- Develop action plans and timelines with property owners for full compliance with codes and ordinances;
- Discuss possible economic development opportunities.

The Board of Commissioners hopes that all residents and businesses along the Caratoke Corridor will work with county staff to ensure a positive level of compliance, which will result in an attractive and appealing corridor for both residents and visitors to enjoy. Currituck's mainland has many attributes and the Board would like for staff, residents, and businesses to come together in an effort to maintain this beauty for all to enjoy.

For more information on site visits along the Caratoke Corridor, contact:
Stacey Smith, Currituck Planning Department, 232-3055; or
Peter Bishop, Economic Development Department, 232-2075.

COUNTY PLANNER GET INVOLVED IN CURRITUCK

COOPERATIVE EXTENSION 232-2262

Ways to Reduce Summer Cooling Costs: The Cooperative Extension Service will be sharing tips to reduce home cooling costs on June 2, 2009 at 12:00 noon and repeated that evening at 6:30 p.m.

Reducing your energy needs in the summer benefits you, the consumer, and the larger community. Keeping your cooling bill in check leaves more money for summer vacations, and reducing your energy needs means cleaner air for everyone.

A free seminar on **"Native Plants"** will be held on June 6, 2009 at 10:00 a.m. The guest speaker will be Vickie Shufer.

A **Babysitters Training Course** will be held on June 15, 17, and 18, 2009 from 9:00 a.m. – 4:00 p.m. each day. This is for youth ages 12 & older and costs $25 per person, which covers American Red Cross Adult, Child, and Infant CPR and First Aid Certification, program supplies, and snacks daily. Students must bring a bag lunch each day.

Science and Math Camp: For rising 6th - 8th graders, June 29 — July 2, 2009 from 9:00 a.m. — 4:00 p.m. each day. The cost of $50 covers insurance, t-shirt, snacks, and program supplies. Children must bring a bag lunch. Space is limited to the first 15 who pre-register.

Cooking for FUN is for youth ages 5-8 on July 7, 2009 from 9:00 a.m. – 2:00 p.m.. The cost is $5 to cover supplies. Children should bring a bag lunch. Call to pre-register, as space is limited to the first 12 participants.

Chef School for youth ages 9 – 12 will be held on July 8, 2009 from 9:00 a.m. – 4:00 p.m. Cost is $8 to cover program supplies and food costs. The class is limited to the first 12 who pre-register.

The **2009 Northeast Ag Expo Field Day** will be held on August 12, 2009 at Rountree Farms in South Mills, N.C. This year's Ag Expo is hosted by the Camden County Extension Center, and the featured crop is soybeans. Field Day will begin at 8:00 a.m. with breakfast and registration, with field plot tours at 8:30 a.m. A catered lunch will be served at 12:00 noon. The Northeast Ag Expo Field Day will conclude at 3:00 p.m. following presentations by crop specialists.

JULY 4 CELEBRATION

Currituck Heritage Park, Corolla
Festivities start mid-day
Vendors, live music & more!
Fireworks at dusk

FYI FIREWORKS ILLEGAL

The use of fireworks is a popular summertime activity for many families, especially on July 4th. But residents and visitors should be aware that most types of fireworks are illegal within the county.

Currituck adheres to state law, which states it is illegal for any person to use, ignite, or explode any firecracker, torpedo, sky rocket, sparkler or other device that explodes, rises into the air or travels laterally, or fires projectiles.

This does not pertain to hand-held wire sparklers, glow worms or snakes, party poppers, or string poppers, which are legal. Currituck will enforce this law, so be aware and be safe this summer.

SEE PAGE 8

PARKS & RECREATION 232-3007

Summer Tennis Camp will be held Monday - Thursday, June 8 – July 31, 2009. For info and registration, contact Vic Ramsey at 202-3555.

Special Olympics State Bowling tournament is scheduled for July 17 – 19 in Raleigh, North Carolina.

2009 Currituck Storm Football Camp will be held July 15 – 17 from 6:00 – 8:30 p.m. The three-day camp is offered to boys, ages 7–12. Sign ups will be available on site. For more information, go to www.currituckfootball.com.

Babe Ruth Softball District Tournament June 25, 2009; ages 7-16.

Babe Ruth Baseball District Tournament July 9, 2009; ages 13-15.

Cal Ripken Baseball District Tournament July 2, 2009; ages 7-12.

Girls Volleyball registration will begin in June. Registration on July 25, 2009 at the Parks and Recreation Office, from 9:00 a.m. – 12:00 noon.

Fall Soccer registration will begin in June. Registration will be held July 11, 2009 at the Parks and Rec Office, from 9:00 a.m. – 12:00 noon.

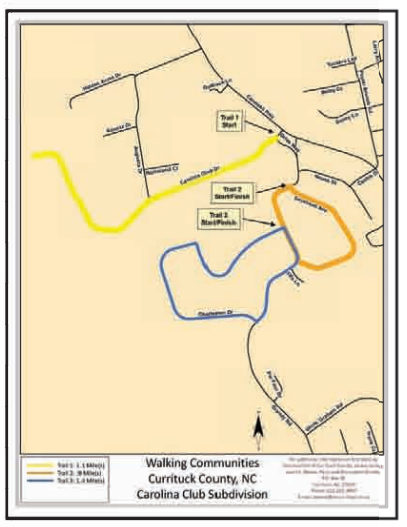
Tackle football onsite registration will be held in August. For info, go to www.currituckfootball.com.

TAKE A STROLL WALKING COMMUNITIES

Maps are available to help county residents improve fitness and enjoy being outdoors in their community. A total of 21 "Walking Communities" trail maps have been created for locations and neighborhoods throughout the county.

Simply download and print a map from www.currituckgovernment.com, under the Parks and Recreation tab, and enjoy a stroll.

For information on "Walking Communities" maps or the many parks available throughout Currituck, contact Parks & Rec at 232-3007.



WHALEHEAD CLUB SUMMER FUN

The historic Whalehead Club's event schedule includes:
June 24 & 25: 8th Annual "Under the Oaks" Arts Festival
July 7 - 9: Wild Horse Days
Tuesday mornings: Children's Knight Magic Camps
Wednesday afternoons: Wine Festivals
Thursday evenings: Summer Concert Series

For event info, and anyone interested in vendor space, call 453-9040.

TEE IT UP SUPPORT THE CHILDREN

Currituck County Foster & Adoptive Family Association's
2nd Annual Victory Chevrolet/E.R. Midgett Insurance
CCFAFA Benefit Golf Tournament

Friday, September 18, 2009
Mill Run GC, Moyock

Registration now open! $240 per team
Call 232-3083 or 232-2611

Currituck County Annual Drinking Water Quality Report

We are pleased to present to you this year's **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 252-453-9382…. We want our valued customers to be informed about their water utility.

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 undergoing 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 28 groundwater wells located off Maple Road and drawing from the Yorktown Aquifer. Currituck County obtains processed water from South Camden Water Plant to supplement our water supply. This water is blended at the Currituck Water plant with our water for distribution.

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 following table:

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

South Camden Shallow Wells 1,2 - Moderate - 2005

South Camden Deep Wells 1,2 - Lower - 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. 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 2008, or during any compliance period that ended in 2008, Currituck County Water received one violation; for exceeding Total Trihalomethanes.

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, 2008. 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 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 environment
Fecal Coliform or E Coli (presence or absence)	N	0	0	0*	Human and animal fecal waste

* 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.

Inorganic and Organic Contaminants (IOC's) (regulated and unregulated)
Sampled 6/18/07 All contaminants were below detection limits.

Nitrate/Nitrite Contaminants
Sampled 6/05/08 All contaminants were below detection limits.

Synthetic Organic Chemical (SOC) Contaminants Including Pesticides and Herbicides
Sampled 3/01/07 and 6/04/07 All contaminants were below detection limits.

Volatile Organic Chemical (VOC) Contaminants
Sampled 11/12/08 All contaminants were below detection limits.

Radioactive Contaminants
Sampled 2006 (4 quarters) All contaminants were below detection limits.

Unregulated Inorganic Contaminants

Contaminant (units)	Sample Date	Your Water	Range Low High	Secondary MCL
Sulfate (ppm)	06-18-07	12.8	N/A	250

Lead and Copper

Contaminant	Sample date	Your Water (Avg)	# of sites found above the AL	MCLG	MCL	Like Source of Contamination
Copper (ppm) (90th percentile)	08/22/08	1.2	0	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb) (90th percentile)	08/22/08	5	0	0	AL = 15	Corrosion of household plumbing systems; erosion of natural deposits

Disinfectants and Disinfection Byproducts Contaminants

Contaminant (units)	MCL/ MRDL Violation Y/N	Your Water (Avg)	Range Low High	MCLG	MCL	Likely Source of Contamination
TTHM (ppb) (Total Trihalomethanes)	Y	62	33 - 138	N/A	80	By-product of drinking water chlorination
HAA5 (ppb) (Total Haloacetic acids)	N	16	1 - 39	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	2.6	2 - 4	MRDLG = 4	MRDL = 4	Water additive used to control microbes
Chlorine (ppm)	N	1.8	.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	.02	N/A	0.3
Manganese (ppm)	Daily	.02	N/A	0.05
Nickel (ppm)	N/A		N/A	N/A
Sodium (ppm)	N/A		N/A	N/A
pH	Daily	7.4	N/A	6.5 to 8.5

South Camden Water CCR Results for 2008

Unregulated Inorganic Contaminants

Contaminant (units)	Sample Date	Your Water	Range Low/High	Proposed MCL
Sulfate (ppm)	04/10/06	7.7	N/A	500
Sodium (ppm)	04/10/06	92.400	N/A	N/A

Lead and Copper Contaminants (South Camden Water)

Contaminant (units)	Sample Date	Your Water	# of sites found above the AL	MCLG	MCL	Likely Source of Contamination
Copper (ppm) (90th percentile)	06/16/08	.091	0	1.3	AL = 1.300	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppm) (90th percentile)	06/16/08	ND	0	0	AL = 0.015	Corrosion of household plumbing systems; erosion of natural deposits

Disinfection of By-Product Contaminants (South Camden Water)

Contaminant (units)	MCL/MRDL Violation Y/N	Your Water (avg)	Range Low/High	MCLG	MCL	Likely Source of Contamination
TTHM (ppb) (Total Trihalomethanes)	N	63	N/A	N/A	80	By-product of drinking water chlorination
HAA5 (ppb) (Total Haloacetic Acids)	N	5.5	N/A	N/A	60	By-product of drinking water disinfection
Chlorine (ppm)	N	.76	.71 - .81	MRDLG = 4	MRDL = 4	Water additive used to control microbes

Unregulated VOC Contaminants (South Camden Water)

Contaminant (units)	Sample Date	Your Water
Bromoform (ppb)	04/09/07	1.6
Chlorodibromomethane (ppb)	04/09/07	0.6

SOC'S Testing included 26 regulated compounds and 13 unregulated compounds. Test results showed all compounds tested were below the detection limit.
VOC'S Testing included 21 regulated compounds and 31 unregulated compounds. Test results showed all compounds tested were below the detection limit, except the three in the table above.

CURRITUCK LIBRARY MORE THAN A GOOD BOOK

SUMMER READING THEME

"Be Creative At Your Library"

K - 5th Grade; 11:00 a.m. - 12:00 noon

June 16: C Shells Family Fun Time Music
June 23: Master Gardeners
June 30: Movie & Treat
July 7: Animal Lovers Assistance League "Pet Care"
July 14: Outer Banks Center for Wildlife Education
July 21: Finale - Rob Wescott "Magic of Creativity & the Arts"

CURRITUCK LIBRARY ON THE INTERNET

Visit the website for the Barco branch or Corolla branch via the East Albemarle Regional Library site; www.youseemore.com/earl.

SUMMER TODDLER TIME

18 months - 2 years; 10:00 a.m. - 11:00 a.m.

June 25: Summer Time
July 2: Go Green
July 9: Clifford
July 16: Shake, Rattle and Roll

SUMMER STORY TIME

3 -5 years; 10:00 a.m. - 11:00 a.m.

June 23: Summer Time
June 30: Go Green
July 7: Clifford
July 14: Shake, Rattle and Roll

BABYGARTEN SUMMER SESSIONS

Learn the important role all parents and caregivers play in the early literacy of their children, and use these techniques to teach your child. Classes are free and interactive.
June 3, 10, 17, 24
July 1, 8
Learn and recite rhymes, sing songs, learn fingerplays, read books, play, and make a take-home craft.

FIT TO BE TIE-DYED

June 24, 2009 at 3:00 p.m., for all teenagers ages 13 - 18. Have fun with fabric and dye. Just bring a white cotton t-shirt, all dye and materials will be provided.

MONTHLY FAMILY MOVIE NOW AT THE LIBRARY

The Friends of the Currituck County Library recently purchased a license which allows the library to show feature films. On the first Saturday of each month, at 2:00 p.m.. the library will play a newly released feature film suitable for family viewing.

There is no charge for the movie. Refreshments will be available for purchase. Call 453-8345 for the title of each month's film.

BE-AD CREATIVE

July 22, 2009 at 3:00 p.m., for youth ages 12 - 18. Learn to create amazing beads using paper and glue.

PUBLIC INFORMATION RESOURCES

Currituck County Government
www.CurrituckGovernment.com

Currituck County Travel & Tourism
www.ComeToOurBeach.com

"*eGoose*" bi-monthly email newsletter
Sign up on CurrituckGovernment.com

Mediacom Ch. 18, Charter Ch. 19

Public Information office: 252-232-0719
County Manager's office: 252-232-2075

CURRITUCK COUNTY GOVERNMENT

<u>Board of Commissioners</u>
Owen Etheridge, Chairman
Paul O'Neal, Vice-Chairman
Vance Aydlett, Jr.
Gene A. Gregory
Barry Nelms
John D. Rorer
Janet L. Taylor

Regular BOC meetings are held on the 1st and 3rd Monday of each month, in the Historic Courthouse at 7:00 p.m. Each meeting is aired live on tv and the county website. You may also find archived videos of meetings on the website.

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

FOCUS ON CURRITUCK
SUMMER 2009

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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.

Currituck County - "Rich in Heritage with a Vision for Tomorrow"