



Georgetown County
Division of Stormwater
120 Broad Street
Georgetown, S.C. 29440
www.georgetowncountycleanwater.com

Residence
with flooding problems and
maintenance issues
should call
the Stormwater office
at 545-3524

Special Thanks To: The Georgetown County Administrator Mr. Sel Hemingway and The Georgetown County Council Members.

If your community, organization or school are interested in drain marking or Stormwater education please feel free to contact our office at 843-545-3524.

Georgetown County Stormwater Wordsearch

See if you can find the Stormwater words in this puzzle! Good Luck!



Algae
Bacteria
Dirt
Flood
Monitoring
Oxygen
Plants
Sediment
Water Quality

Aquifer
Black River
Fertilizers
Georgetown County
Murrells Inlet
Pee Dee
Pollution
Stormwater
Waterbody

Atlantic Ocean
Conservation
Fish
Grease
Oil
Pesticides
Recycling
Trash
Wetlands

For additional fun stormwater games and activities please view the "Just For Kids" page of our website at www.GeorgetownCountyCleanWater.com.

Murrells Inlet Boy Scouts assist Stormwater Division with drain marking efforts...

There was not a cloud in the sky on this crisp cool day. Volunteers and Boy Scouts scoured the streets of a Murrells Inlet subdivision marking and inspecting storm drains. Twelve Boys Scouts from the Murrells Inlet area were out in full force to assist the Georgetown County Division of Storm water with our drain marking efforts in the Murrells Inlet area. The Scouts assisted with installing storm drain markers with the message "Only Rain Down the Storm Drain." The project is to raise awareness about stormwater and it assists the Stormwater Division, with its ongoing efforts of marking all storm drains in the MS4 areas (An MS4 area is a system

owned by a state, city, town or other public



entity that discharges to waters of the U.S.)

The Boy Scouts were accompanied by there Scout leaders as well as parent volunteers. In addition to adhering the storm drain markers, the Boy Scouts distributed educational door hangers to residents in the community. This

educational campaign helps the County comply with its National Pollutant Discharge Elimination System (NPDES) permits. In Georgetown County, stormwater runoff drains into the Rivers and Oceans where we spend summer days swimming, fishing and boating. And in educating the public about pollutants contained within stormwater runoff is a vital, yet daunting task. If your community is interested in drain marking please contact the Stormwater office at 843-545-3524.



Summer 2010 Edition

Welcome to Georgetown County Stormwater

The U.S. Environmental Protection Agency has established regulations for protecting our waters from pollutants. In response to these regulations, Georgetown County is implementing a Stormwater Management Program which is consistent with the Federal Clean Water Act and South Carolina Pollution Control Act.

Our Mission: Protect and improve the quality of life of all the citizens of Georgetown County, South Carolina, and surrounding communities. Provide for the collection, and conveyance of stormwater runoff in accordance with all federal, state and local regulations in the safest, most efficient, and cost effective manner possible.

Georgetown County Stormwater is a Division within The Department of Public Services. This Division seeks a balance between the needs of a growing community and the needs of the environment and its citizens. The intent of Georgetown County Stormwater Division is to develop

and encourage "No Adverse Impact" Standards, while promoting sensible growth on the available land and minimizing the impacts to the environment and citizens.

Georgetown County South Carolina Stormwater Management has 6 minimum control measures and they are:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Stormwater
- Post-Construction Stormwater
- Good Housekeeping

Stormwater Tips:

- NEVER POUR PAINT, SOLVENTS OR CLEANERS INTO STORMDRAINS OR DITCHES.
- SWEEP YARD DEBRIS AND TRASH OUT OF THE STREET AND INTO BAGS
- USE NATIVE PLANTS AND COVER BARE AREAS WITH MULCH
- LANDSCAPE SO PLANTS CAN FILTER POLLUTANTS AND SLOW RUNOFF
- COMPOST LEAVES, GRASS AND YARD WASTE
- WASH YOUR CAR ON THE GRASS SO THAT DIRTY WATER DOES NOT FLOW INTO STORM DRAINS OR DITCHES

Pawley's Island Drainage Improvement— Your Money at Work

The Pawley's Island Drainage Improvement Project installed a new pipe under Highway 17 Bypass and along the North Causeway with a final discharge into Pawleys Creek. In an effort to add water quality improvements to the new system, the Stormwater Division incorporated Abech's Smart Pak inserts into 16 catch basins in the improvement project. "The Smart Pak's Smart Sponge Media removes suspended solids,

including some heavy metals, absorbs oil and grease including most hydrocarbons, and provides antimicrobial treatment of the stormwater flowing the catch basin. Once the pollutants are absorbed, the Smart Sponge transforms the

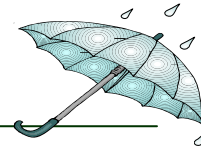
pollutants into a stable solid media brick for easy disposal." The Georgetown County Stormwater Division is pleased to introduce this innovative product to the further improve water quality.



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The Stormwater Current



At A Glance—Mr. Ray C. Funnye



Mr. Ray C. Funnye—
Director of Public Service

In 2006 Ray Funnye set forth a plan to develop a Stormwater Management team in Georgetown County this team consists of Tracy D. Jones, P.E. Division Manager, Zollie Green, P.E. Senior Engineer, Sonia D. Hill Billing and Quality Coordinator, Christopher Allen Stormwater Inspector and David Barr Database Coordinator.

Since its inception major strides have been made in this program. These initiatives are recognized both as meeting unfunded federal mandated compliance regulations and for improvements in Georgetown County.

Under Ray Funnye's direction, the County established this Stormwater Management Plan in response to South Carolina Department of Health and Environmental Control requirements to comply with the state's National Pollutant Discharge Elimination System general permit. Stormwater management controls both water quality and quantity. Stormwater Improvements in Georgetown County (SWIG) is a project team that has been meeting for over a year. Ray Funnye organized this focus group with the Clemson University Extension doctorate staff at Baruch Edu-

cation Center and the County Stormwater Division. The group meets quarterly to discuss issues of concern including erosion control and water quality. The group identifies improvement projects such as rain gardens and funding opportunities.

The county joined forces with South Carolina Department of Environmental Control on a demonstration project designed to reduce fecal coli form load to shellfish waters of Murrell's Inlet Estuary, South Carolina by installing best management practices (BMPs) to three existing ponds.

Keeping our citizens informed...



Keeping Georgetown County Seniors In the Know.....

Why do we pay a Stormwater fee? I don't have a storm sewer serving my property so why am I being charged? These were just a few of the questions that were encountered at The Georgetown County Senior Citizen Information Breakfast 2010.

The staff of for The Georgetown County Division of Stormwater decided to take the task of educating Georgetown Counties

most treasured citizens on the purpose of this fee which shows up yearly on there tax bill. The Georgetown County Division of Stormwater visited all senior centers in Georgetown County to inform and educated.

This Division isn't just interested in the storm drains and the water it carries to the Oceans and Streams. It's concerned about the public education and

understanding of what we do and who we are. The public education campaign was very important to being on the same page with the citizens of Georgetown County. People now understand why they're paying the fee, most of the residents didn't understand "why they were paying for God's water".



Do You Know What's In Our Stormwater?

- Bacteria & viruses from pet waste
 - Herbicides & pesticides from lawns
 - Nutrients from fertilizers, pet waste, leaves & grass clippings
 - Toxic chemicals from vehicle exhaust & leaks from illegal dumping
 - Soil from construction sites & farms
- These pollutants all flow into our oceans and rivers through our storm water. They can also enter our**

groundwater through our stormwater retention ponds.

Stormwater carries pollutants and nutrients that can turn the streams brown, kill fish, increase weed and algae growth and contaminate groundwater.



"Got Bags?"

Summer 2010 Edition

Stormwater Outfall Inventory in Progress

During your travels in the Murrells Inlet area you maybe lucky enough to spot the Stormwater Team at work. You maybe wondering what are they doing? Well they are doing Outfall Inventory. What is Outfall Inventory you ask? An outfall is any point where a conveyance of the stormwater system discharges into streams, lakes, wetlands and marshes. The inventory involves identify-

ing and mapping stormwater outfalls, specific attributes (pipe shape, condition, land use, etc) were collected for each outfall. It was noted whether flow is present in dry weather, which may lead to a pollution source upstream. The Georgetown County Stormwater Division has gone above and beyond the requirements of the MS4 Permit and is doing a complete system inventory.

This includes not just the outfalls, but all pipes, ditches, catch basins, ponds and creeks throughout the MS4 area. One of the ultimate goals of our division is to improve water quality in all of Georgetown County and knowing where every ditch and pipe drains is the first step. **As of June 1st 2010, 1500 acres of Murrells Inlet has been**



Waccamaw Elementary School Installs a Rain Garden

On Wednesday April 21 the day before Earth day we see azalea, shrubs, trees and daisies they are among the plants in a new student build rain garden at Waccamaw Elementary School by 3rd and 4th graders in the schools Students Participating in Character Education (SPICE) club. The students enjoyed feeling the dirt between tere fingers as they took on an active role in the developing of this project. The North Inlet Winyah Bay Reserve, Walmart, Georgetown County Stormwater Division, Teachers

all participated in this garden which will be used as an educational tool and a way to deal with stormwater runoff. The students seemed eager to be a part of this project and excited to put their labor into something they see as a sustainable enhancement to there school community. There were about 30 children in place to assist with this grand undertaking. The goal is to engage students in applying aca-

solving while addressing water pollution in there local waterways. A water garden is a de-



We Applaud The Students Of Waccamaw Elementary!!!!

Mosquito Control Tips—Standing water means you could be raising Mosquitoes!

- Empty containers that hold water
- Don't dump trash in ditches
- Keep septic tanks in good working condition
- Utilize mosquito sprays
- Discard old tires
- Keep drains, ditches and culverts clean of weeds
- and trash, so water will drain properly
- Repair leaky pipes and outdoor faucets
- Empty plastic wading pools at least once per week
- Change water in bird baths and plant pots or dip trays regularly
- Keep gutters clean and free of debris and leaves
- Make sure backyard pools are maintained
- Fill in or drain any low places (puddles, ruts) in yard
- Cover trash containers to keep out rain water

