

# Public Involvement & Education

## January – April 2014

ANDERSON & PICKENS COUNTIES

# stormwater PARTNERS



The Storm Drain Dog



# Flooding Presentation - Pickens County Emergency Management



## FLOODS

- Floods are one of the most common hazards in the United States. They happen during heavy rain, when rivers overflow, when ocean waves come onshore, when snow melts too fast or when dams or levees break.
- Not all floods are alike, some develop slowly and some can build in just a few minutes, like flash floods.
- Floods can change familiar places, like walkways and roads. Avoid walking through water, it could be deeper than you think.
- Flash flood can pick up cars, vans and roll them downstream. It can tumble huge boulders, uproot trees, wash out roads and destroy bridges

Clemson Elementary  
Robotics Team

January 8, 2014

ANDERSON & PICKENS COUNTIES  
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**PARTNERS**



# Watershed Academy



January 16-17, 2014

Anniston, Alabama  
Alabama Cooperative Extension

ANDERSON & PICKENS COUNTIES  
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**PARTNERS**

# Adopt-A-Stream Training - Bacteria



Partners: Anderson University &  
Southern Wesleyan University

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

January 18, 2014 Anderson University



# Holly Springs Garden Club



January 27, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# Anderson Stormwater Projects Tour



January 28, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Girl Scouts Silver Award Projects - Water & Recycling Bingo at Clemson Downs



Troop 1010

January 31, 2014

ANDERSON & PICKENS COUNTIES  
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# Adopt-A-Stream Training – Chemical



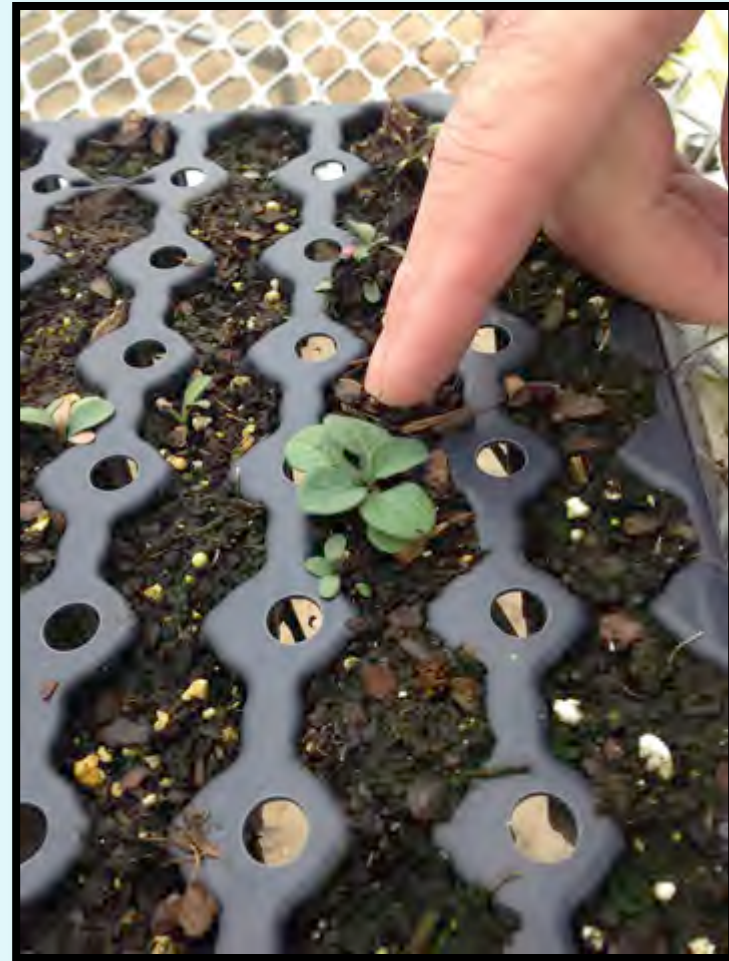
Partners: Anderson University &  
Southern Wesleyan University

February 1, 2014 Anderson University

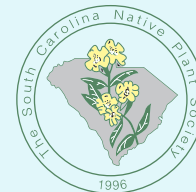
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**PARTNERS**



# Prairie Project – Seed Planting



Pickens County Career Center



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**PARTNERS**

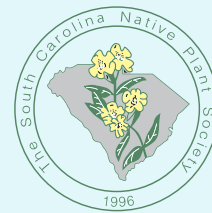
February 6, 2014

# Prairie Project – Soil Preparation



Pickens County Career Center

February 6, 2014



ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# ACSP & PCSP Quarterly Meeting Gilli Suncatchers...



With Thanks & Sunshine Wishes to Pickens County  
Public Works & Recycling Departments

February 7, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
PARTNERS

# Camera in the Creek – Watershed Postcard Project



South Saluda River

February 9, 2014

ANDERSON & PICKENS COUNTIES  
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**PARTNERS**





# Trash Bash



February 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Trash Bash



February 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Girl Scouts Silver Award Projects – Rain Barrel Painting



Troop 1010

February 19, 2014

# Carolina Yards & Rain Barrel Presentation

## Electric City Garden Club



Denver Downs



February 20, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Teacher In-Service Day

*Environmental Education Programs  
School District of Pickens County  
Teacher In-Service Day, February 21, 2014*

8:30 – 9:25 a.m. *Recycling in Pickens County Schools*

Is your school recycling? Learn what resources are available and how to set up a recycling program at your school. Free recycling pick up is available for Pickens County schools! Find out how recycling helps the environment and economy in our county.

Lou Ponder, Pickens County Deputy Director of Public Works  
Jason Anders, Pickens County Recycling Coordinator  
Mandy Barnett, Pratt Industries Recycling, Procurement Rep.

9:30 – 10:25 a.m. *Repeat - Recycling in Pickens County Schools*

10:30 – 11:25 a.m. – *Action for a Cleaner Tomorrow & Action in the Classroom*  
<http://www.scdhec.gov/environment/lwm/recycle/education.htm>

Need an activity-based, interdisciplinary curriculum supplement for environmental education in the classroom? Get the *Action for a Cleaner Tomorrow* notebook featuring 31 lessons that are correlated to the state's science standards. To supplement for fifth, seventh and environmental science classes, schedule an in-school *Action in the Classroom* presentation about recycling and natural resources.

Mary Margaret Mendenhall & Laura McCoy Thomas, SC DHEC Office of Solid Waste Reduction & Recycling, Environmental Education Programs

12:30 – 1:25 p.m. *Repeat – Action for a Cleaner Tomorrow*

1:30 – 2:25 p.m. *South Carolina Green Steps Schools*  
<http://www.greenstepschools.com>  
<http://www.clemson.edu/carolinaclear/pcsp>

Be a SC Green Steps School! This program is an environmental education initiative that encourages schools to take annual steps toward becoming more environmentally responsible. Learn about resources, grants, and what projects are happening now in Pickens County schools...gardening, recycling, rain barrels, 4H and more!

Jane Hiller, Sonoco Recycling Education Specialist & SC Green Step Schools Coordinator  
Cathy Reas Foster, Pickens County Stormwater Partners, Environmental Education Coordinator

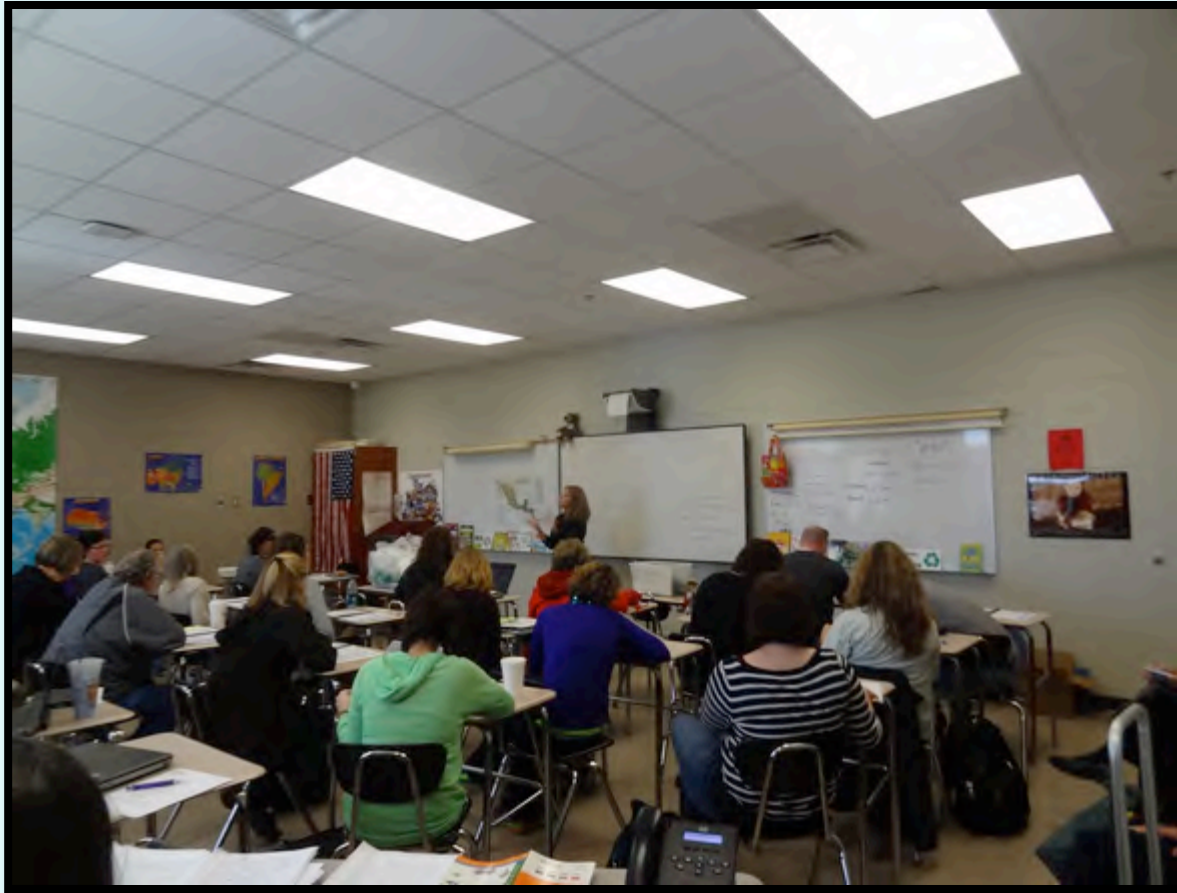
2:30 – 3:25 p.m. *Repeat – South Carolina Green Steps Schools*



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February 21, 2014

# Teacher In-Service Day



February 21, 2014

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**CONSERVATION AWARDS BANQUET 2014**

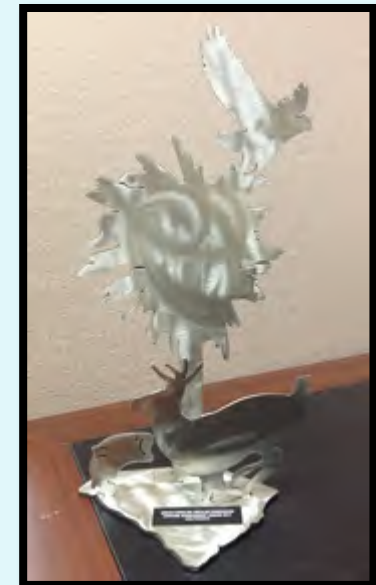
***Join us***

***for the  
South Carolina Wildlife Federation's***

***49th Annual***

***Conservation Awards Banquet***

***Education Conservationist - Cathy Reas Foster***



**February 21, 2014**

ANDERSON & PICKENS COUNTIES  
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**PARTNERS**



# LHA CoveKeepers



February 22, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Girl Scouts Silver Award Projects – Storm Drain Marking



Troop 1010

March 1, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
PARTNERS

# Tree Tagging – Pickens Elementary Hope Garden Club



March 5, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**





# DNR Meadow Work Day

## *Green & Gold Meadow Work Day*

Happy St. Patrick's Day



Lucky Green Meadows, Shamrock Rain Chains, Pot 'o Gold Rain Barrels,  
Irish Invasives, Four Leaf Clover Rain Gardens!

-  *Learn about and plant native grasses and forbs, and remove invasive plants in the Skip Still Meadow.*
-  *Help maintain a rain garden, rain chain and rain barrel.*

**Thursday, March 13, 9 am – 12 noon**

SC DNR Clemson Office, 311 Natural Resources Drive, Clemson, SC 29631

*Bring work gloves, wear long sleeves and mud boots. **Wearin' o' the Green welcome!***

To register, contact Renee Watson 864-878-1394 x114 or email [rwatso2@clemson.edu](mailto:rwatso2@clemson.edu).

(Registration is limited.)



**CLEMSON**  
COOPERATIVE EXTENSION

**SOUTH CAROLINA**  
NATURAL RESOURCES



ANDERSON & PICKENS COUNTIES  
**stormwater**  
PARTNERS



Carolina **YARDS**

March 13, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
PARTNERS

# DNR Meadow Work Day



March 13, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Palmetto Pride Education Building Beautification



Ongoing



ANDERSON & PICKENS COUNTIES  
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**PARTNERS**

# Bellfest – Devils Fork State Park



## BellFest

Devils Fork State Park  
Saturday March 15, 2014  
10a.m.-2p.m.

JOIN FRIENDS OF JOCASSEE FOR OUR 2<sup>ND</sup> ANNUAL BELLFEST

WE KICK-OFF SPRING AND CELEBRATE THE RARE OCONEE BELL WHICH PROMISES TO BE IN FULL BLOOM ALONG THE OCONEE BELL TRAIL. MASTER NATURALISTS WILL BE ON HAND TO ESCORT GROUPS ALONG THE TRAIL, POINTING OUT THE RARE NATIVE WILDFLOWER AND SHARING A LITTLE OF ITS INTERESTING PLACE IN HISTORY

EVENT IS FREE WITH PARK ADMISSION  
\$5/ADULT • \$3.25/SC SENIOR • \$3/CHILDREN AGE 6-15 • 5 AND UNDER FREE  
FREE WITH PARK PASSPORT

EVENT INCLUDES: GUIDED TRAIL WALKS • MUSIC • FOOD • FUN • EDUCATIONAL EXHIBITS  
ARTIFACT COLLECTION • SILENT AUCTION • LOCAL AUTHORS AND BOOK SIGNING

PONTOON LAKE TOUR WITH PAID FOJ MEMBERSHIP  
BECOME A MEMBER! FOR MORE INFORMATION ON JOINING OR QUESTIONS, EMAIL US AT  
[friendsofjocassee@gmail.com](mailto:friendsofjocassee@gmail.com) or visit us on the web at [friendsofjocassee.org](http://friendsofjocassee.org)



# March 15, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**





# Belfest – Devils Fork State Park



March 15, 2014

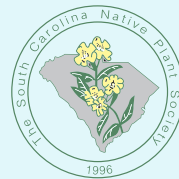
ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# Career Center Prairie Project— Raised Beds



March 19, 2014

Pickens County Career Center



ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Girl Scouts Silver Award Projects – Rain Barrel Painting



Troop 1010

March 19, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
PARTNERS

# Adopt-A-Stream Confluence



## Gwinnett Heritage Center

March 22, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Tree Tagging – Holly Springs Elementary



March 24, 2014

# Anderson Stormwater Projects Tour



March 25, 2014

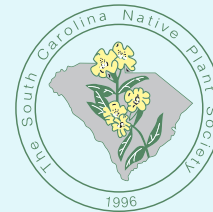
ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Prairie Project Commercial



Pickens County Career Center



April 1, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# Rain Barrel, Gutter Installation & Tree Tagging– Ecoplex



## Tree Tagging– Ecoplex



Clemson University  
EcoReps

April 3, 2014



ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Rain Barrel, Gutter Installation & Tree Tagging– Ecoplex



Clemson University  
EcoReps

April 3, 2014



ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# Pickens Middle School – Storm Drain Marking



April 10, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Pickens Middle School – Water Testing & Tree Tagging



April 10, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# Clemson University Fine Arts Student Association – Rain Barrel Painting



April 16, 2014



ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Pickens Azalea Festival



April 19, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# Clemson University Earth Day Event



April 22, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Elected Officials Stormwater Luncheon



April 24, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# Elected Officials Stormwater Luncheon



April 24, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Elected Officials Stormwater Luncheon



April 24, 2014

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

# New Webpage!



Upcoming  
Stormwater  
Education  
Activities  
May – August  
2014



[www.facebook.com/pickenscountystormwaterpartners](http://www.facebook.com/pickenscountystormwaterpartners)  
Anderson County Opening – Summer 2014!

ANDERSON & PICKENS COUNTIES  
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# Water 'n' Wildlife Day



## *Water 'n' Wildlife Day at Devils Fork State Park*

### *Friends of Jocassee Project Day & Annual Meeting*

Saturday, May 3, 2014

8:30 a.m. - 1 p.m.

### *Water Quality & Wildlife Habitat Projects*

#### *Be a Water 'n' Wildlife Landscaper!*

Plant a Carolina fence garden, rain garden, or trailhead kiosk garden

#### *Be a Water Artist!*

Paint a rain barrel or watering can, or make a rain chain

#### *Be a Wildlife Keeper!*

Install bluebird, owl, bat, toad houses and wood duck boxes

### *Agenda*

\*Sign-in: 8:30 - 9 a.m. \*Projects: 9 a.m. - 12 p.m. \*Pot Luck Picnic & Speakers: 12 - 1 p.m.

### *Speakers*

Welcome to FOJ by Allan Boggs, Executive Board President, FOJ

Featured presentation & book signing by Debbie Fletcher, Author, *Whippoorwill*

*Farewell: Jocassee Remembered* and *Images of America: Lake Jocassee*

*Meet at DFSP Picnic Shelter #1 at 8:30 a.m.*

DEVILS FORK STATE PARK  
161 HOLCOMBE CIRCLE  
SALEM, SC 29676  
864-944-2639



FRIENDS OF JOCASSEE, INC.  
PO BOX 621  
SALEM, SC 29676  
friendsofjocassee@gmail.com

# May 3, 2014

ANDERSON & PICKENS COUNTIES  
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# Upcoming Events



Easley Farmers Market Earth Day Event, April 26



Town Creek Revitalization Project Clean Up Day, May 3



Pickens Cruise In on Main & Music, May 3, June 7, July 5, & August 2



Prairie Dig In Event, May 9



Anderson Car Show, June 1



Devils Fork Litter Clean Up, June 11



SC DNR Camp Wildwood, June 19 & 20



Take Action Workshop, June 24



4-H2O Camp, July 28-30



Easley Farmers Market, August 23



# Rain Barrel Painting

## “Barrels & Sheds”

- Bee Well Honey Shop
- City of Pickens – City Hall
- RC Edwards Middle School
- Clemson Downs
- Central Elementary School
- AR Lewis Elementary School
- Clemson House
- Madren Center
- Pickens Middle School
- Table Rock Realty by Holly Springs Elementary
- Easley Nursery by Crosswell Elementary
- Agricultural Museum of SC

On-Going Programs

# Bacteria Program



- Pick Up Pet Waste - Puppy Love Kits for vets & groomers
- Holly Springs Putting for Paws Event, April 19
- Dog Tails, Anderson Dog Park Fundraiser, April 30



On-Going Programs

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Fats, Oil, Grease Program

- Restaurants & Cafeterias – FOG Packets
- Industrial Permit Facilities



On-Going Programs

ANDERSON & PICKENS COUNTIES  
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# Storm Drain Marking

“Rains & Drains”

- Girl Scouts
- Boy Scouts
- Schools
- HOAs



On-Going Programs

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**



# Carolina Yards Nutrient Program

- New Website
- Online Course
- New Workbook
- Easley Garden Club – TBD
- Anderson Garden Club - TBD

On-Going Programs



ANDERSON & PICKENS COUNTIES  
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**PARTNERS**

# Clean Water Tip Sheets



## Finn's Yard Care Tips

Yard debris including leaves, grass clippings, soil, fertilizer, pesticides, silt and pet waste can be transported to stormwater pipes and our waterways during a rainstorm by water runoff. This water runoff is called stormwater and flows untreated into our local creeks, rivers and lakes.

-  1. Yard debris can clog stormwater drains and pipes, causing flooding and costly maintenance.
-  2. As yard debris decomposes, nutrients such as nitrogen and phosphorus are released into the water which can cause algae blooms.
-  3. Pesticides and fertilizers contain chemicals, nitrogen and phosphorus which can pollute groundwater and surface water.

Learn how to create a healthy, watershed-friendly yard and prevent stormwater pollution by visiting [www.GROWINGADULTS.com](http://www.GROWINGADULTS.com)




## Finn's Pet Waste Tips

**When doxy doxy, trash it!**

Rainwater that flows across yards, ditches, parks and trails on its way to our creeks, rivers and lakes through streets and storm drains is called stormwater. Pet waste left on the ground can contribute to stormwater pollution.

-  1. Pet waste carries bacteria, viruses and parasites that can threaten the health of humans and wildlife.
-  2. The average dog produces 3/4 pounds of waste every day.
-  3. A single gram of dog feces can contain 23 million fecal coliform bacteria, which can spread diseases like Giardia, Salmonella and Campylobacter.
-  4. Pet waste contains phosphorous and nitrogen which are nutrients that can cause algae and weed growth in water bodies.

**Pick up pet waste and place it in the trash!**



## Stormwater Pollution Prevention Tips For County & City Employees

County and city employees play an important role in making sure that municipal operations and facilities do not cause stormwater pollution. Stormwater pollution occurs when water runoff picks up oil, grease, soap, fertilizer, pesticides, chemicals, sediment, pet waste, and litter and carries it into storm drains or waterways.

**Causes of stormwater pollution may include:**

- Broken hydraulic line
- Open container of paint
- Spill or leak of fuel or oil
- Metal grinding operation
- Vehicle washing area
- Excess fertilizer or pesticides
- Erosion areas/mowing grass too short

Employees at county and city facilities, parks, and departments such as public works, roads and bridges, building or vehicle maintenance, and solid waste and recycling must take measures to protect our local waterways. These measures are called "best management practices" (BMPs) and include:

-  1. Placing equipment on a fully contained impervious pad when cleaning equipment outdoors.
-  2. Making sure that outdoor solid waste receptacles have lids or covers closed while not in use.
-  3. Immediately draining or moving equipment indoors if there is a broken hydraulic line.





## Gilli & Finn's Earth Day Tips

Earth Day is a special day to celebrate the Earth! On April 22 of each year we remember to appreciate our natural resources and protect our environment.

**Tips to help the Earth...**

-  1. Reduce, reuse and recycle
-  2. Conserve water
-  3. Pick up litter
-  4. Buy food in season and locally
-  5. Compost food scraps and yard waste
-  6. Pick up pet waste
-  7. Plant native trees and flowers
-  8. Save energy
-  9. Don't idle your car
-  10. Harvest rainwater

ANDERSON & PICKENS COUNTIES  
**stormwater**  
**PARTNERS**

## On-Going Programs



ANDERSON & PICKENS COUNTIES

# stormwater PARTNERS

THANK YOU for being a  
Stormwater Partner

Next Quarterly Meeting  
August 2014

**Coming Soon...Carolina Yards!**



Anderson County  
Recycling Center



Pickens County  
Recycling Center