Coastal Waccamaw Stormwater Education Consortium

FY 2006-2007
Annual Report of Activities

30 June 2007
Fiscal year 2006-2007 brought several important structural, programmatic and regulatory changes for the Coastal Waccamaw Stormwater Education Consortium (CWSEC). Perhaps the most noteworthy change though began with a late afternoon email correspondence.

In early 2007 each of the MS4 communities in the Myrtle Beach Urbanized Area were notified by the SC Department of Health and Environmental Control that a meeting was being convened to discuss coverage under the revised General Permit. In preparation, the area MS4s were provided specific feedback regarding the Notices of Intent they submitted to DHEC over three (3) years ago. Needless to say, much progress had occurred since that time, and the MS4s were anxious to document that progress for the regulators.

The Consortium quickly scheduled a conference call so members could discuss the information provided by DHEC and to coordinate a unified response as it related to the public education and public involvement minimum control measures. The call would also serve as a platform for the stormwater managers to discuss how they might handle other elements of coverage. On March 5, 2007 representatives from DHEC and their Office of Ocean and Coastal Resource Management facilitated the aforementioned meeting in Myrtle Beach. Among the issues covered were scheduling requirements and the real nuts and bolts of permit compliance. Following a mandatory period of public notice, each of the MS4s in the Myrtle Beach Urbanized Area will be granted coverage under the terms of the general permit on July 1, 2007.

The date ushers in a new phase of documentation and reporting for the CWSEC. We have responded by developing a brand new database which the education providers will be using to capture critical information designed to help tell our stories better and to ensure we are continually addressing the letter and spirit of the new regulations.

What remains unchanged during this evolution is the continued dedication of the members and the education providers to meeting the needs of the communities we serve. It is with great anticipation that we look forward to the coming months and the challenges that lie ahead.

Executive Summary

The kind of cooperative learning being facilitated by the CWSEC is a real asset to the communities of the Grand Strand because we’re creating the opportunity to affect positive changes to water quality through positive changes to our behavior.”

Kevin Blayton
Stormwater Manager
North Myrtle Beach
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Coastal Waccamaw Stormwater Education Consortium
Although the core education provider institutions remain the same, there were several important personnel changes that took place during the last fiscal year. One of the original Consortium members and a strategic educator with the NIWB NERR, Jeff Pollack moved to Texas. His contributions to the CWSEC specifically, and coastal water quality in general, will be missed. He has been replaced as CTP Coordinator by Nicole Saladin, who we look forward to working with in the future. We also welcomed Christine Ellis as the new Waccamaw Riverkeeper. In other cases, the roles may be changed but the faces remain the same. Dan Hitchcock and Hamp Shuping remain involved with Consortium activities, but in different roles with Clemson University and the City of Conway. Despite these changes, one thing remains consistent: the CWSEC remains dedicated to developing and delivering effective, outcomes-based educational programming throughout the watershed.

Table 1 Summary of Local Education Service Providers

<table>
<thead>
<tr>
<th>Provider</th>
<th>Programs</th>
<th>Primary Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clemson University</td>
<td>Carolina Clear Program</td>
<td>General Public Education</td>
</tr>
<tr>
<td></td>
<td></td>
<td>General Public Involvement</td>
</tr>
<tr>
<td>Coastal Carolina University</td>
<td>Waccamaw Watershed Academy</td>
<td>Volunteer monitoring</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Watershed management planning</td>
</tr>
<tr>
<td>Murrells Inlet 2007</td>
<td>K-5 environmental education programs</td>
<td>K-12 &amp; public watershed education via in-class and field workshops</td>
</tr>
<tr>
<td>North Inlet-Winyah Bay National Estuarine Research Reserve</td>
<td>Coastal Training Program</td>
<td>CWSEC website</td>
</tr>
<tr>
<td></td>
<td>Community Education Program</td>
<td>Technical workshops</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Outreach programs and materials for public</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Classroom and field experiences focusing on watershed concepts</td>
</tr>
<tr>
<td>SC Sea Grant Extension Program</td>
<td>Nonpoint Education for Municipal Officials (NEMO)</td>
<td>Stormwater education for elected and appointed officials</td>
</tr>
<tr>
<td></td>
<td>Public Education</td>
<td>Land use and best management practices</td>
</tr>
<tr>
<td>Waccamaw Riverkeeper™</td>
<td>Public Education</td>
<td>Community workshops, presentations and festivals</td>
</tr>
</tbody>
</table>
CWSEC Strategic Goal—Develop and implement effective, outcomes-based stormwater education and outreach programs that will meet federal requirements and satisfy the environmental and economic needs of the community that they serve.

Core Objectives

1. Maximize efficiency of stormwater education efforts using a regional watershed approach.

2. Help local SMS4s meet NPDES Phase II Stormwater Program permit requirements for public stormwater education, public involvement, and illicit discharge detection by providing educational resources and services such as public education, outreach and community involvement.

3. Develop a comprehensive stormwater education plan for the region that capitalizes on local training resources to meet the needs of local SMS4s.

4. Foster collaboration among local service providers to best meet the educational needs of local SMS4s and their constituents.

5. Serve as a model for collaborative stormwater education.
As far back as the 18th Century, citizens of Horry County have been dealing with drainage issues. It wasn’t until the advent of modern construction machinery however, that land throughout the area became truly suitable for growth and development. Since that time, water quality and water quantity have been important issues for officials in the county to address in a proactive fashion. The County is a founding member of the Consortium and is actively involved in many aspects of program implementation.

In the past, several different agencies have performed stormwater related functions throughout Horry County. Within the last few years Horry County Government has taken the lead and has been focusing on stormwater drainage issues countywide. A Stormwater Advisory Committee of local citizens has been working to develop County Stormwater Ordinances that require developers to more effectively address stormwater within new development, as well as create a user fee based revenue source to fund increased stormwater maintenance and capital repair projects.

The expressed priorities for the Horry County Stormwater Management Program (SMP) are to: 1) support better design and more consistent construction practices through the development of Stormwater Management Ordinances and a Design Criteria Manual; 2) solve recurring flooding problems through the cleaning and maintenance of major and minor ditch outfalls; 3) focus on the quality, quantity, and management of stormwater; and 4) develop an inventory of the County's drainage system and a master plan for capital improvements. The SMP has programs for residents, businesses, and agriculture which help these user groups understand the roles they play in stormwater.

For more information on sponsored research projects, water quality monitoring, capital investments, or to check out the County’s Environmental Scorecard, visit their excellent web site:


As stormwater managers, we’ve known for some time that the MS4 general permit was coming. Being proactive in our approach and thus out in front of the regulations has contributed in part to the Consortium being the model educational effort we’ve all worked for.”

Tom Garigen
Stormwater Manager
Horry County
The Waccamaw Watershed Academy (WWA) purchased kiosks for mobile display and to be utilized at appropriate regional functions. Educational material is consistently updated for use in displays or brochure holders. Clemson University also purchased a tabletop display which can be modified to suit audience or format. Either can be checked out upon request by any CWSEC member.

CTP continues to host the CWSEC web site on its server and acts as manager. There was a period of inactivity during the transition of CTP coordinators, but the site never became totally dormant. As the screen capture below demonstrates, the web site continues to serve as the only source of 24-hour, seven-days-a-week information on Consortium activities and updates. The site can be accessed at www.northinlet.sc.edu/training/stormwater_education/index.htm.
Clemson redesigned the look and feel of the Carolina Clear web site. Final numbers are being generated for visits that have occurred since the change took place in November 2006. Unfortunately there is no way at the present to attribute these “hits” to a particular region of the state, so an effort will have to be made on how to distribute the information.

WWA has proofed information for Morse Landing Park in addition to writing text for signage regarding Conway's installation of the Stormtreats best management practices. CCU intern has created signage for Heritage Shores Nature Park, a new public natural resource in North Myrtle Beach Park. There will likely be venues identified in the future where similar services can be performed.
The Waccamaw River Volunteer Monitoring Project is a volunteer-based program. Volunteers trained in using environmental testing equipment sample ten sites along the whole length of the river in the state of South Carolina. Volunteers work as a part of one of the five teams that sample all the sites. Most of the coordination of the team activity is done by the team itself and a team captain helps to keep all the members of the team in the loop. The Volunteer Monitoring Coordinator makes sure that all the quality assurance and quality control procedures are being followed according to the guidelines provided by United States Environmental Protection Agency.

The following products will be generated by this project during its first year:

1. Quality assurance project plan approved by US EPA.
2. Data access via public website that can be linked to city and county websites.
3. Annual monitoring report formatted for inclusion in annual NPDES Phase II storm water program report including numbers of volunteers involved, number of meetings, number of sampling and number of people accessing data via public website.
4. Digital data archive.

This information is all available on the CWSEC website and regularly updated on a monthly basis or following specific CTP training events.
Although a great many slides have been taken and used for the different workshops, these have not been aggregated into a clearinghouse. This measure remains incomplete.

Clemson University and SC ETV Radio are currently discussing development of a coastal-specific weekly program which will air on stations across the state. It is envisioned that Carolina Clear will be a significant contributor of content to the program.

Clemson continues to broadcast nine (9) different PSAs in a rotating basis on four (4) different radio stations. Each one is specifically tailored to the coastal Waccamaw watershed. Arbitron numbers can be somewhat misleading. The table on page 8 shows the stations on which the PSAs have run, and the average number of listeners at each time. While we recognize that 4.8 million different people have not heard the announcements, we feel its important to capitalize on advancing the knowledge of the regular repeat listeners as well as visitors along the Grand Strand. An example PSA script is provided below:

**Public Service Announcement #3**

What happens to water when it runs into a storm drain? Nothing! No filtering, no treatment. Storm drains empty directly into our coastal creeks and rivers. And so does the soapy water from washing your car at home ... the pesticides and fertilizers that wash away when you water the lawn ... and the dog poop you don’t pick up. Pollutants like these can harm aquatic life, make the water cloudy and potentially dangerous, and increase the cost of treating our drinking water. Remember... only rain should go in the storm drain!
Material and information have been distributed through the Myrtle Beach Sun News, the Georgetown Times, Clemson Extension Service Master Gardener training and education programs in both Horry and Georgetown counties, as well as county offices and field events. Carolina Clear has two new logos which will be circulating broadly in 2007 and they are both shown below and are available with the table top display.

**Table 2 — Summary of 2006-2007 Regional Radio Advertising Placement and Audience**

<table>
<thead>
<tr>
<th>STATION</th>
<th>DAYPART</th>
<th>LENGTH</th>
<th>SPOTS</th>
<th>NET REACH</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSYN</td>
<td>7A-9A</td>
<td>:30</td>
<td>80</td>
<td>74,300 per week</td>
</tr>
<tr>
<td></td>
<td>4P-6P</td>
<td>:30</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>TOTAL SPOTS</td>
<td></td>
<td></td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>WYAK</td>
<td>7A-9A</td>
<td>:30</td>
<td>80</td>
<td>74,900 per week</td>
</tr>
<tr>
<td></td>
<td>4P-6P</td>
<td>:30</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>TOTAL SPOTS</td>
<td></td>
<td></td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>WSEA</td>
<td>7A-9A</td>
<td>:30</td>
<td>80</td>
<td>56,100 per week</td>
</tr>
<tr>
<td></td>
<td>4P-6P</td>
<td>:30</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>TOTAL SPOTS</td>
<td></td>
<td></td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>WDAI</td>
<td>7A-9A</td>
<td>:30</td>
<td>80</td>
<td>96,300 per week</td>
</tr>
<tr>
<td></td>
<td>4P-6P</td>
<td>:30</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>TOTAL SPOTS</td>
<td></td>
<td></td>
<td>160</td>
<td></td>
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</tbody>
</table>

TOTAL AUDIENCE (2006-2007) 4.83 M

<table>
<thead>
<tr>
<th>Lead Provider</th>
<th>Activity</th>
<th>Location and Date Delivered</th>
<th>Number of Participants</th>
<th>Other Providers Involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clemson</td>
<td>Create and assist in the distribution of general education materials. Statewide and coastal in nature.</td>
<td>Ongoing</td>
<td>87,000 (+)</td>
<td>All</td>
</tr>
</tbody>
</table>
Given that up to 70% of pollution in streams, rivers, and lakes comes from stormwater runoff, any size rain garden will help to improve water quality and aquatic habitat. Additionally, increased groundwater recharge relieves strain on water treatment facilities while preserving the natural hydrology of the landscape.

Dan Hitchcock, PhD
Assistant Professor, Clemson University
Baruch Institute of Coastal Ecology and Forest Science

Rain Gardens
An Attractive and Easy Way to Protect Our Water Resources

A rain garden is an appealing landscape feature that can easily be installed by the homeowner to manage stormwater and protect the quality of our streams, lakes, wetlands, and oceans. A rain garden typically receives runoff water from roofs and other impervious (hard) surfaces such as driveways and sidewalks. The rain garden holds water on the landscape so that it can infiltrate (drain) into the ground and be taken up by plants instead of flowing into a street and down a storm drain or drainage ditch.

How to Build a Rain Garden
The size for the area of the rain garden depends on the size of the area to be drained and the ability of the soil to drain surface water. A rule of thumb is that the rain garden area should be approximately 20% of the drainage area (including rooftops, driveways, and other impervious surfaces) in well-drained sandy soils, and between 20-65% of the drainage area in more poorly drained, loamy soils. It’s also important to select a location with a seasonally high water table depth no shallower than 16 inches to ensure proper drainage. The excavated area should be 4-6” deep, and the area should be typically 5-10 ft. wide parallel to the stormwater runoff flow direction.

1. A suitable depression is dug out of the yard where water flows naturally and is at least 10 feet from the house.
2. Materials, such as:
   a. A suitable soil-mix (50-60% sand, 20-30% top soil, and 20-30% compost),
3. Earth-moving tools (to excavate about a one foot depth of soil) and
4. A desire and willingness to manage stormwater on-site and protect wa

Contact your County Clemson Extension Office
www.clemson.edu/extension/counties.html
or Home and Garden Information Center
http://hgit.clemson.edu
for more information.

The Master Gardener program, coordinated regionally primarily through the efforts of Environmental Horticulturalist Gary Forrester, is an award-winning program which focuses on holistic and environmentally-sustainable practices. Currently, two (2) MG Associations in Horry County even have their own web pages! The North Strand MGA and the Conway MGA both provide information on their sites about upcoming programs, focus areas, and opportunities to volunteer.

On October 3, 2006 area Master Gardeners gathered for a presentation on rain gardens. Thirty (30) individuals participated in this exciting educational event. In fact, curricula has been developed by Dr. Daniel Hitchcock which will be available on the Clemson Home and Garden Information Network web site regarding many aspects of building a backyard rain garden.
Does Your Car, Truck or Boat Leak?

Oil stains on your driveway and spills of antifreeze, brake fluid or other automotive fluids are easily carried away by a rainstorm. If the runoff from your driveway has an oily sheen, that’s a sure sign that you need to be more careful.

Pans, carpet scraps, and matting can catch drips. Routine maintenance can prevent your car from leaking and help identify potential leaks. If you change your own oil, be careful to avoid spills and collect waste oil for recycling. Store oily car parts and fluid containers where rain and runoff cannot reach them. Never dump used oil, antifreeze or gasoline down a storm drain, in a ditch or on the ground. These wastes will end up in a nearby lake or stream, or they may pollute your drinking water.

Washing your car or boat in the driveway creates runoff without the help of a rainstorm — your hose provides the water. The dirty, soapy runoff drains directly into storm sewers, picking up oil and other pollutants as it goes. Try washing your car on the lawn or, better yet, take it to a commercial car wash or spray booth that sends its dirty water to a wastewater treatment plant.

This information is provided on behalf of the Coastal Waccamaw Stormwater Education Consortium and the Clemson Cooperative Extension Service.
Monitoring continues at six (6) sites in the Waccamaw watershed each week. A second training workshop held on September 9, 2006 at Coastal Carolina University. In January of 2007, two (2) CCU students were trained with Grand Strand Master Gardeners and collaborated in the monitoring duties during Spring ’07 semester.

Numerous workshops were conducted throughout our target watershed. On August 15, 2006 two (2) core education providers held a joint session with the Lakes. On October 4, 2006 a program was conducted for the Cypress Keys HOA and on April 27, 2007 Karen Fuss of the CCU Waccamaw Watershed Academy and Coordinator of the CWSEC met with two (2) HOA Board Members of the International Club to discuss stormwater pond issues and future program for HOAs. These associations can be a valuable and fertile (pun intended) target audience in the future for CWSEC programming.

"Homeowners' associations (HOAs) play an important role in our fragile coastal ecosystems. Educating and involving their members regarding stormwater ponds and maintenance practices is key. As the footprint of development in the watershed increases, their influence and impacts become even greater."

Karen Fuss
Coordinator—CWSEC
Coastal Carolina University
### General Public

<table>
<thead>
<tr>
<th>Lead Provider</th>
<th>Activity</th>
<th>Location and Date Delivered</th>
<th>Number of Participants</th>
<th>Other Providers Involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCU</td>
<td>Conduct pontoon boat programs focusing on watersheds, water quality, and stormwater education.</td>
<td>Four (4) classes</td>
<td>&gt; 120</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Coastal Carolina University Lifelong Learning pontoon boat classes were held in October and November of 2006 as well as March and April of 2007. The photo on the right shows a mapping exercise being held aboard a pontoon boat on the Waccamaw River.

<table>
<thead>
<tr>
<th>Lead Provider</th>
<th>Activity</th>
<th>Location and Date Delivered</th>
<th>Number of Participants</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CCU/NI-WB NERR</td>
<td>Hold field workshops focusing on watersheds, water quality, and stormwater education.</td>
<td>Six (6) classes</td>
<td>&gt; 600</td>
<td>Clemson</td>
</tr>
</tbody>
</table>

In 2006-2007 there were a number of field excursions to Waties Island. The CCU Lifelong Learning visited in October of 2006 as well as January, February and March of 2007. Also on November 6, 2006 the NI-WB educators coordinated the Fall Marsh Stroll at High Tide.

<table>
<thead>
<tr>
<th>Lead Provider</th>
<th>Activity</th>
<th>Location and Date Delivered</th>
<th>Number of Participants</th>
<th>Other Providers Involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riverkeeper</td>
<td>Coordinate Beach/River Sweeps</td>
<td>Seven (7) dates</td>
<td>80</td>
<td>CCU &amp; NI-WB</td>
</tr>
</tbody>
</table>

9/16/06 - Beach/River Sweep of Morgan Park with Georgetown High.

2/3/07 - Riverkeeper hosted river clean up in Conway.

11/6/06 & 5/4/07 Waties Island beach sweep (Photo on right).

3/31/07 - Kingston Lake/Crabtree Swamp clean up by Riverkeeper.

5/5/07 - Highway 9 area cleanup by Riverkeeper.

6/2/07-6/10/07 - Love Your River cleanup along length of Waccamaw.
An Extraordinary Resource

In 1992, Coastal Carolina University found itself in a unique position to capitalize on a once-in-a-lifetime opportunity. Over 1,000 acres of Waties (say Wayteez) Island and the adjoining uplands of Tilghman Point were donated to the Coastal Education Foundation, Inc. The gift has been protected with a perpetual conservation easement through The Nature Conservancy of South Carolina. It was the wish of the late Anne Tilghman Boyce that the property she left to a charitable trust be maintained "in essentially a wilderness state". Through her bequest, the support of her surviving children, and a large cash gift from her late sister-in-law, Kitty Lou Tilghman, CCU has gained a magnificent addition to the facilities it can offer to students and faculty for education and research.

The Waties property is an outstanding example of an undeveloped complex of ocean frontage, fresh and saltwater marshes, tidal creeks, and upland woods. Surrounded by a rapidly urbanizing environment, it is becoming increasingly significant for research, monitoring, and education about the natural coastal habitat.

Waties Island is used extensively by hundreds of CCU students and faculty every year in both regular coursework and in independent research projects. Classes are held on the island and the upland so that students may directly experience the organisms, environments, and processes they are studying, instead of only reading about them or viewing slides or videos.

Waties offers a one-of-a-kind living classroom for Coastal Waccamaw Stormwater Education Consortium activities conducted by CCU. Trips for public school classes, conservation groups, and others are accommodated within the covenants and restrictions of the conservation easement governing Coastal's activities.

During FY 2006-2007, CWSEC Coordinator Karen Fuss conducted educational programs on the Island for over 600 K-12 students, more than 50 teachers for content-specific workshops, and approximately 75 public participants took part in additional programs. Another exciting opportunity afforded by Waties Island is to host over 60 volunteer sea turtle monitors.

CCU has hired an architectural firm and has completed surveying for a new environmental field station adjacent to the Island. This field station will include interpretive, educational space for large groups, teaching laboratories, a computer enhanced classroom, offices and research space for CCU and visiting faculty.
General Public

<table>
<thead>
<tr>
<th>Lead Provider</th>
<th>Activity</th>
<th>Location and Date Delivered</th>
<th>Number of Participants</th>
<th>Other Providers Involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riverkeeper</td>
<td>Make public presentations focusing on watersheds, water quality, and stormwater education</td>
<td>&gt; 12 presentations</td>
<td>&gt; 400</td>
<td>CCU, Clemson, and NI-WB</td>
</tr>
</tbody>
</table>

12/7/06 - Riverkeeper presentation to Grand Strand Optimist Club.

1/9/07 - CCU about Kingston Lake Watershed at Kiwanis Club of Conway.

1/23/07 - CCU watershed presentation to Grand Strand Master Gardeners.

2/9/07 - CCU at Conway Area Chamber of Commerce about K LW.

2/9/07 - CCU at Lions Club of Conway about K LW.

2/15/07 - CCU Celebration of Inquiry session.

2/16/07 - Riverkeeper Celebration of Inquiry session.

3/4/07 - Riverkeeper presentation to All Souls Waccamaw Universalist Unitarian Church in MB.

3/9/07 - Riverkeeper joint presentation with Horry County Stormwater to GS Board of Realtors.

5/22/07 - Riverkeeper presentation to NMB MG.

5/24/07 - Riverkeeper presentation to Conway MG.

6/11/07 - Riverkeeper presentation to American Business Women's Assn. in MB.

<table>
<thead>
<tr>
<th>Lead Provider (Community Education)</th>
<th>Activity</th>
<th>Location and Date Delivered</th>
<th>Number of Participants</th>
<th>Other Providers Involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>NI-WB</td>
<td>National Estuaries Day Public Program highlighting watersheds &amp; coastal issues</td>
<td>9/30/2006</td>
<td>14</td>
<td>N/A</td>
</tr>
</tbody>
</table>

The last Saturday in September is National Estuaries Day -- an interagency celebration of the magical places where rivers meet the sea. It began in 1988 as part of Coast Weeks to educate the public on the importance of estuaries and the need to protect them. The annual event has matured into a national campaign with festivities across the country.

NOAA's National Estuarine Research Reserve System and the U.S. EPA's National Estuary Program have collaborated throughout the years to promote National Estuaries Day. This partnership has been growing stronger and expanding to other federal, state and non-profit agencies. As a result, this interagency campaign reaches more and more individuals every year.
The NI-WB NERR began this hands-on and very participatory program in June of 2006. Kayakers are exposed to the relatively pristine North Inlet estuary - a critical component of our watershed.

6/24/06 - Round the 4th Festival in Conway (CCU and Riverkeeper).
7/18/06 - NMEA Poster (CTP/CCU)
8/2/06 - SE Watershed Roundtable poster (CCU)
10/21/06 - Georgetown Wooden Boat Show (Riverkeeper)
10/21/06 - Loris Bog Off (Riverkeeper)
11/4/06 - Swamp Fest - Playcard Environmental Center (CCU)
2/3/07 - Watershed display at Apache Pier Chili-Cookoff (CCU)
3/24/07 - Waccamaw River Conference (Riverkeeper/CCU)
4/22/07 - Ripley's Earth Day Festival (CCU/Riverkeeper)
5/19/07 - North Strand Power Squadron Boat Show in Little River (Riverkeeper)
### General Public

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<tr>
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</thead>
<tbody>
<tr>
<td>CCU</td>
<td>Local TV interviews about local stormwater issues and solutions</td>
<td>Eight (8) interviews</td>
<td>Thousands of viewers</td>
<td>Riverkeeper</td>
</tr>
</tbody>
</table>

8/21/06 - Ch.4 (public access channel) - 3 segments on K LW

8/21/06 - Southern Styles interview on Time Warner Cable

9/13/06 - Ch. 13 WBTW tour and discussion of local stormwater issues

1/8/07 - Riverkeeper on River Talk discussion about stormwater issues

1/8/07 - Riverkeeper interview with WPDE 15 about trash in river

1/22/07 - Southern Styles interview with vice chair of Conway's WQ&DC

2/3/07 - Riverkeeper interview with Knight Foundation and Step UP during river cleanup

3/31/07 - Riverkeeper interview with WPDE 15 during river cleanup

Dr. Susan Libes conducts interview with WBTW TV-13 News
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<tr>
<td>All Providers</td>
<td>Submit papers and give presentations about CWSEC at various regional, national and international conferences</td>
<td>National</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

6/15/06 - Presentation at the Friends of Lake Keowee Society (Clemson)
6/20/06 - Presentation at Charleston-area Stormwater Managers meeting (Clemson)
7/18/06 - Presentation at National Marine Educators Association conference (CTP/CCU)
8/2/06 - Presentation (SG) and poster (CCU) at SE Watershed Roundtable
8/4/06 - Presentation to the Southeastern Watershed Forum’s Roundtable (Clemson)
9/12/06 - CWSEC Presentation at NEMO meeting in CT (Clemson)
10/22/06 - Presentation at SCMEA/GAME (CCU)
3/6/07 - Presentation on N-SPECT for the K LW at Coastal Geotools ’07 conference (CCU)
3/17/07 - Presentation on Stormwater Management Plan for CCU at SC Environmental Conference (CCU)
3/23/07 - Presentation Big South Undergraduate Research Symposium on (CCU)
5/8/07 - Presentation at SC Stormwater Forum in Myrtle Beach (CCU)

Jack Whetstone of Clemson University releases Flea beetles as part of an integrated pest management (IPM) project to control Alligatorweed, which is an aggressive invasive aquatic species in South Carolina.
## K-12 & Higher Education

### FY 06-07 Annual Report

#### Coastal Waccamaw Stormwater Education Consortium

<table>
<thead>
<tr>
<th>Lead Provider</th>
<th>Activity</th>
<th>Location and Date Delivered</th>
<th>Number of Participants</th>
<th>Other Providers Involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>MI 2007</td>
<td>Provide water quality education programs through class trips and visits to classrooms by retired teacher volunteer docents at Georgetown County Landfill's Environmental Education Center and in K-5 classrooms in Georgetown County and southern Horry County</td>
<td>Incomplete</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

There was nothing to report for this measure during 2006-2007.

<table>
<thead>
<tr>
<th>CCU</th>
<th>Provide operational support to MB's Academy of Arts and Sciences Environmental Major.</th>
<th>Myrtle Beach Two (2) events</th>
<th>&gt; 320</th>
<th>N/A</th>
</tr>
</thead>
</table>

Field Workshops on 11/9/06 and 11/15/06 with Academy students. Directed Academy's juniors to instruct all NMBI 5th graders at Waties Island (educational services written into Academy's Donna Bates Grant award).

<table>
<thead>
<tr>
<th>CCU</th>
<th>Provide leadership for adoption and implementation of BSD in Horry County Schools. Provide stormwater audit process to K-12 schools.</th>
<th>Ongoing</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
</table>

10/4/06 - Meeting with Horry Co. construction director and assistant director.

10/16/06 - Meeting with Horry Co. construction and design firm to discuss BMPs for Carolina Forest High School.

10/25/06 Meeting with Thom Roth and Jackie Taylor about BMPs for CFHS.

<table>
<thead>
<tr>
<th>CCU</th>
<th>Support development of LEED certification and sustainability of CCU's proposed Arena</th>
<th>Conway Ongoing</th>
<th>N/A</th>
<th>Dan Abel, Campus Sustainability Initiative</th>
</tr>
</thead>
</table>

This is an ongoing effort
## K-12 & Higher Education

### Lead Provider

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>CCU</td>
<td>Develop and support permanent wetland and BMP monitoring programs to be conducted by students for new schools in Horry County</td>
<td>Ongoing</td>
<td>N/A</td>
<td>Dan Abel, Campus Sustainability Initiative</td>
</tr>
</tbody>
</table>

CCU continues to work with Don Poland of the Horry County School District.

| CCU           | Coordinate and implement teacher workshops incorporating watershed, water quality and stormwater concepts. | 3 events | > 50 | N/A |

Southeast Portal to Ocean Research for Teachers (SEPORT) on 9/30/06. SC Science Council Teachers at Waties Island on 11/2/06 and 11/3/06.

---

**SEPORT Teachers Workshop held at the Center for Marine and Wetlands Studies**  
(September 30, 2006)
K-12 & Higher Education

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>CCU</td>
<td>Incorporate watershed, water quality, and stormwater concepts into all CWSEC K-12 programs (classroom and field based)</td>
<td>Ongoing</td>
<td>&gt;520</td>
<td>NI-WB K-12 Education</td>
</tr>
</tbody>
</table>

9/8/06 - St. Andrew 8th Graders at CMWS (CCU)
9/15/06 - S.A. 7th Graders at WWR (CCU)
9/19/06 - A. 6th Graders at Waties Island (CCU)
9/21/06 - S.A. 8th Grade at school (CCU)
10/5/06 - Homeschoolers at Waties Island (CCU)
10/6/06 - Pickens High at NIWB
10/9-12/06 - Kelly Mills Middle School at NIWB
10/24/06 & 10/26/06 - CFHS at Waties Island (CCU)
10/25/06 - Wando High Env. Sci. class at NIWB
11/3/06 - Myrtle Beach High School Marine Sci. Honors class at NIWB
11/16/06 - Georgetown High at NIWB
3/6/07 - Scholars Academy at Waties Island (CCU)
3/27/07 & 3/29/07 - CFHS at Waties Island (CCU)
5/16/07 and 5/17/07 - BHS at Waties Island (CCU)

NI-WB K-12 Education

<table>
<thead>
<tr>
<th>Activity</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Work with school committee of Keep Georgetown Beautiful to provide YMCA afterschool programs on water quality</td>
<td>Ongoing</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Ongoing through 2006-2007 school year.
Elected & Appointed Officials

<table>
<thead>
<tr>
<th>Lead Provider</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CCU</td>
<td>Assist Horry County in adopting CWP recommendations for stormwater and building regulations</td>
<td>Ongoing</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CCU</td>
<td>Cover logistics of scheduling and organizing presentations and workshops for CWSEC municipalities</td>
<td>Ongoing</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>All Providers</td>
<td>Coordinate and deliver stormwater workshops for elected and appointed officials, focusing on specific local issues and solutions.</td>
<td>Conway 9/14/2006 3/5/2007</td>
<td>25</td>
<td>N/A</td>
</tr>
</tbody>
</table>

On August 1, 2006 a meeting was held with the Center for Watershed Protection, the City of Conway, and Horry County to discuss results of CWP's Kings Lake Watershed assessment. CCU staff attended the CWP meeting on 7/13/06 as well as Horry County Stormwater Advisory Board meetings on 6/27/06, 8/8/06, 1/23/07, 3/6/07, 4/17/07.

Completed as needed

All aboard!!! On September 14, 2006 elected and appointed officials from City of Conway - took an educational bus tour to discuss stormwater issues in the Kingston Lake watershed. There was a second tour that took place for additional staff on March 5, 2007.
<table>
<thead>
<tr>
<th>Lead Provider</th>
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</thead>
<tbody>
<tr>
<td>CTP</td>
<td>Offer support in update of the Georgetown County Stormwater Ordinances and Comprehensive Land Use Plan</td>
<td>Ongoing</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Mtg. w/ County engineer 10/30/06. Zoning Ordinance audit delivered 12/7/06.

| CCU           | Assist in update of the Horry Comprehensive Plan in Land-Use Planning and Natural Resource Elements | Ongoing                     | N/A                    | N/A                      |

Attended Meetings on 1/18/07, 2/1/07, 3/1/07, 3/15/07, 4/5/07, 4/19/07, 5/3/07.

Public Hearing 3/15/07.

Planning Commission 5/3/07.

Planners 2/21/07.

Jack Whetstone, Aquatic Plant Management Specialist with Clemson University, conducts a Pond Management Clinic in Georgetown. Jack fielded over 120 calls regarding ponds and pond management from Georgetown and Horry counties during 2006-2007.
**Lead Provider** | **Activity** | **Location and Date Delivered** | **Number of Participants** | **Other Providers Involved**
---|---|---|---|---
CCU | Assist in the development of Horry County Open Space Plan | Horry Ongoing | N/A | N/A

Attended Meetings on 6/26/06, 7/24/06, 8/28/06, 9/25/06, 1/29/07, 2/26/07, 4/2/07, 4/23/07.

CCU | Assist in the development of a riparian and wetland Buffer Ordinance for Horry County | Horry Ongoing | N/A | N/A

Attended Horry County SWAB Meetings on 6/27/06, 8/8/06, 1/23/07, 3/6/07, 4/17/07.

CCU | Facilitate submission and execution of grant programs | Ongoing | N/A | N/A

Assisted Conway with StromTreat grant.

CCU | Provide technical assistance to City of Conway Planning Department - review site plan of neighboring development. Supply tools, resources and reference developments | Conway Ongoing | N/A | N/A

### Elected & Appointed Officials

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>CTP</td>
<td>Continued facilitation of BMP demonstration projects and workshops focusing on multiple pervious concrete projects, rain barrels, buffers, and a constructed wetland.</td>
<td>Ongoing</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

8/17/06 - Pervious concrete installation demonstration at Georgetown Chamber of Commerce.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>CTP</td>
<td>Assist Georgetown County in completing their code and ordinance review</td>
<td>Ongoing Georgetown County</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Mtg. with County engineer 10/30/06. Zoning Ordinance audit delivered 12/7/06.

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>Clemson</td>
<td>Conduct a Workshop on Proper Disposal of Household Wastes. Consider coordinating with Horry County SWA to schedule a Landfill Waste Disposal Day.</td>
<td>Incomplete</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

This milestone was unmet. The new Natural resources agent for the Waccamaw will coordinate during 2007-2008 for both Horry and Georgetown counties.
Introduction
The Coastal Waccamaw Stormwater Education Consortium (CWSEC), formed in 2004, provides watershed and stormwater education opportunities to local communities in the northeast coastal region of South Carolina. This collaborative approach to stormwater education optimizes the efforts of regional education providers while helping local communities satisfy federal requirements for public stormwater education and outreach.

The Coastal Waccamaw Stormwater Education Consortium: A Collaborative Regional Approach to Stormwater Education
J. A. Pollack and K. Fuss
North Inlet-Winyah Bay NERR Coastal Training Program
Coastal Carolina University Waccamaw Watershed Academy

Introduction
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Coastal Carolina University Waccamaw Watershed Academy

The poster shown on the left was presented at the National Marine Educators Association 2006 Conference in Brooklyn, NY.

Semi-annual meeting took place on December 14, 2006 in Conway. Annual meeting is scheduled for Tuesday June 12, 2007 at the Atlantic Center.

CTP Coordinate training on watershed sensitive planning and development concepts using case studies Surfside and Georgetown N/A N/A

6/7/06 LID in Practice. 10/12/06 High Performance Building Part II.
The first ever single day CEPSCI course was taught in Conway, with the able cooperation of the Horry County Stormwater Management Program. Twenty-four (24) individuals from the CWSEC member staffs participated in this training. The pass rate for the course was 78%, which was slightly lower than the overall program average which is generated throughout the state. The format of course delivery and certification exam on the same day was not considered successful based on participant feedback, so it returned to its previous format.

An additional course was held in the Spring of 2007 in Conway. Both courses were at capacity, and overflow registrants were sent to Charleston.

In December 2006, the CEPSCI program received the highest Team Award given at Clemson University. A complete profile of the program and where to go for further information is included in Appendix A.

"I’ve seen the effects of excess sedimentation first-hand. One of the best ways for us to get out in front of the problem is to educate these contractors and site inspectors before the first land disturbance of any permitted project takes place. CEPSCI and other programs like it can get the message to the right folks."

Jackie Taylor
Stormwater Educator
Horry County Stormwater Management Program
The Coastal Waccamaw Stormwater Education Consortium continues to experience the kind of growth dynamics that most new organizations of its type must weather to remain successful. Though important individuals leave and move on to different challenges (founding member Jeff Pollack of the Coastal Training Program, e.g.) still others simply move to different positions within the organization (Karen Fuss to CWSEC Coordinator and Dan Hitchcock to the Clemson Baruch Lab, e.g.). The most important aspect among all these changes is that the overarching goal and objectives of the CWSEC remain consistently applied. The achievements of the member institutions and the education providers on behalf of Consortium activities served as examples during fiscal year 2006-2007.

One of several exciting aspects of the coming year is the implementation of the Consortium’s new database. It is being designed by Coastal Carolina University and will provide the kind of consistency in planning and reporting that each of the members expect from the education providers. The data fields under consideration were reviewed by individuals within the Department of Health and Environmental Control, including those involved with permitting and compliance. The database will be searchable by such fields as target audience, program date, primary education provider, and location. The net result of implementation will increase productivity and, more importantly, provide an increased level of information to our partners and the regulatory community.

While some issues of management and maintenance remain to be resolved, we look forward to populating the database with 2007-2008 information.

CWSEC continues to work and interact with a wide range of audiences throughout the Waccamaw watershed. The core education service providers that constitute CWSEC hope that their system for a collaborative regional approach to stormwater and watershed education will continue to prove to be a useful model for communities around the state as full implementation of the Phase II MS4 requirements is realized. CWSEC remains committed to helping citizens understand stormwater issues while preserving the quality of their water.

Conclusions for Year 2 (06-07)

This new database is going to provide the Consortium with consistency, access, and controls over redundancy that will measurably increase our ability to compile and report effectively on our education and involvement-related activities

Susan Libes, PhD,
Waccamaw Watershed Academy, Director
Coastal Carolina University
Formed only two years ago, the Certified Erosion Prevention and Sediment Control Inspector (CEPSCI) Team has created and implemented a unique program where affected individuals are impacting nearly every construction site greater than one (1) acre throughout South Carolina. Given that developed land area in South Carolina has increased 750,000 acres over a 10-year period and shows an accelerating trend, it is imperative that knowledgeable personnel are assessing the environmental condition of land disturbance on a consistent basis. CEPSCI-certified individuals have the responsibility to ensure the protection of the State’s valuable water resources by taking information, techniques and practices obtained during the course and applying them in field situations.

CEPSCI also serves as a model for fostering new clientele yet following the long-standing traditions of Extension. Research on erosion prevention and sediment control conducted at Clemson University is routinely transferred to the design and construction industry by the most appropriate methods to convey technical information. Recognizing and addressing needs of the construction industry and the enormous economic impact of development in South Carolina was a significant driver of Team activities. The CEPSCI Team included contributing individuals who cut across the academic and public service sectors of the University.

The CEPSCI program has three primary objectives: 1) educate candidates on the proper installation, maintenance, and inspection of erosion prevention and sediment control measures at construction sites; 2) create an interactive forum where participants are informed of new regulatory requirements and their responsibilities related to full compliance; and 3) provide DHEC-approved training and programmatic infrastructure necessary for a robust environmental certification program.

Since 2004 over 3,400 people have attended CEPSCI courses across South Carolina, including Horry County. There have been 47 separate CEPSCI classes and ten (10) qualifying examinations, each given at up to four (4) locations simultaneously. This aggregated involvement results in total contact time with CEPSCI instructors estimated at 24,800 hours. Further, in order to maintain their inspector certification, each individual must complete continuing education courses which will provide additional opportunities for training. This recertification process ensures a continuing relationship between research institutions and the growing construction industry.
Affected clientele were deeply involved in the development of all aspects of CEPSCI planning. Information on proposed curricula and course delivery was drawn from multiple public and private sector partners including the SC Department of Health and Environmental Control (DHEC), the SC Department of Transportation, the US Environmental Protection Agency, the SC Association of General Contractors, and the SCANA Corporation.

Significant regional and national interest has also been generated through program implementation. Summary presentations have been requested and given in ten (10) states throughout the Country. The CEPSCI course has also opened opportunities for instructors to be interviewed on statewide public radio and television as experts for a forum related to the proposed I-73 corridor construction project. Team members also routinely field inquiries from local and statewide press on a variety of stormwater issues.

Each CEPSCI event is evaluated by participants, and results provide Team members with valuable information used to refine the program. Over 96% of inspector candidates indicate information presented during the course was useful and that they learned something new from the material provided. Further, and perhaps most important, 72% of participants indicate they will begin using the techniques and practices presented to them within one (1) month, and 80% within three (3) months. While some open-ended written comments about the course and the instructors were humorous (“Offer beer and pizza”), others provided insight as to when the program information would be used (“In a New York minute”). Additional responses demonstrated how the program was received (“CEPSCI program is a great venue for governmental, developing, contracting and supply entities to come together and gain common knowledge for the successful completion of today’s construction projects”).

In closing, CEPSCI creates a distinctive opportunity for educated and trained personnel to have their footprint on virtually all significant construction sites in the state for the foreseeable future.

following several planning meetings as early as July 2004, it became apparent that the CEPSCI Team would be able to address our educational needs, due not only to their expertise in erosion mechanics and sediment transport, but also to the logistical infrastructure they brought to the table. Today over 900 SCDOT employees and contractors have participated in the CEPSCI program."

Ray Vaughn
Storm Water Manager
SC Dept of Transportation
October 12, 2006

Dr. Fran Wolak, CCO
Clemson Cooperative Extension Service
103 Barre Hall
Clemson University
Clemson, SC 29634

Dear Dr. Wolak,

It has come to my attention that the Certified Erosion Prevention and Sediment Control Inspector (CEPSCI) program has been nominated for this year’s CU Extension Team Award. I can think of no group more deserving of this honor!

I had the pleasure of working with the CEPSCI team during the recent implementation of the new DHEC Storm Water regulations. During the negotiations with DHEC, we pushed hard to have the CEPSCI certification program included in the regulations to give our builder members other options. This turned out to be one of the best things we ever did. When DHEC finally got the green light to proceed with implementation, there was a mad scramble in the regulated community to get the CEPSCI certification. It was imperative that we get as many home builders certified as quickly as possible.

This is when the CEPSCI team really stepped up to the plate. Working closely with Cal Sawyer we were able to schedule a number of seminars across the state in short order. We worked with CEPSCI to advertise the seminars and the response was tremendous. Every time CEPSCI opened another seminar it was quickly sold out. The CEPSCI team even offered to hold seminars on the weekend! I attended one of the seminars and was impressed with the quality and hands-on nature of the course. It was clear to me that you really had to know what you were doing to get CEPSCI certification.

Occasionally in our professional lives, we have an opportunity to really step up to the plate and knock a homerun. In the summer of 2006 the CEPSCI team did just that. Their commitment, professionalism and teamwork provided an invaluable service to the home building industry, state government and the citizens of South Carolina. On behalf of the home builders of SC, I whole heartedly support the nomination of the CEPSCI team for the prestigious CU Extension Team Award. They truly are a team!

Sincerely yours,

Julian Barton
Director of Governmental Affairs
Home Builders Association of SC
Appendix A - CEPSICI Information

Friends Of Lake Keowee Society

Phone: (864)-882-3655
Email: keoweefolks@charternet

OFFICERS
Tom Horne – President
Bob Swank – 1st VP
Tom Horne – 2nd VP
Bill Miller – Secretary
Terrance Grubbs – Treasurer
Dick Milburn – Past President

BOARD OF DIRECTORS
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Dick Milburn
Tony Nixmeyer
Bob Search
Bob Swank
Jim Turner
Jacob Wallii

Dr. Fran Wolak, COO
Clemson Cooperative Extension Service
Clemson University
Clemson, SC 29634

Dear Dr. Wolak:

The Friends of Lake Keowee Society is a thirteen year old 501c3 watershed organization dedicated to preserving and protecting Lake Keowee and its watershed from the negative effects of rapid development around the lake. We are very appreciative of the work done by the SEPSICI Team in furthering our mission and therefore offer this letter in support of their nomination for the Clemson University Cooperative Extension Service Team Award.

Their impact on our organization and individual homeowners and property owners in this watershed started with presentations at our Public Forums where they provided information on soil erosion prevention and sediment control. This led us to enroll two FOLKS members in a SEPSICI training session in Greenville; one was a FOLKS Ombudsman and the other was a member who also serves on the Keowee Key CARE Committee. There were two separate and distinct impacts from this experience; the first being that the capability of the ombudsman to help mitigate the effects of poor BMP implementation on construction sites throughout the watershed; the second being a transfer of knowledge to a volunteer group in Keowee Key (CARE) that oversees construction within this retirement community.

As a direct result of the information obtained at the SEPSICI course, Harry Berndt transferred knowledge to the other members of the committee. Among the improvements that were made was the requirement of crushed stone construction site entry-ways, a greater concentration of silt fence installation and maintenance, and requirements for ground cover during construction on steep building sites.

The next important escalation occurred on October 16th when John and Calmade a presentation to the KKPOA (Keowee Key Property Owners Association) and the new Community General Manager – Kevin McCracken. In this highly interactive meeting, we believe the stage has been set for this community to tighten up even further on challenging single home construction, most of which is now on steep terrain, much of which is lakeside.

The result of their outreach work has been a greater awareness of the problems associated with home construction in challenging terrain and an awakening of the need to implement BMP’s.

Our forward plan is to migrate this learning to the over-one-hundred communities around the lake where there are HOA’s who are empowered to oversee the continuing development of their communities. The ultimate net effect of their efforts will be a significant increase in protection of the Lake and its watershed.

Ben Turetsky, President

October 11, 2006
October 13, 2006

Dr. Fran Wolak, COO
Clemson Cooperative Extension Service
Clemson University
Clemson, SC 29634

Dear Dr. Wolak,

It is my pleasure to formally nominate the Certified Erosion Prevention and Sediment Control Inspector Program (CEPSCI) for a 2006 Clemson University Cooperative Extension Service Team Award.

As far back as 2003, Clemson Extension faculty began conducting general erosion and sediment control education classes in response to requests by the SC Department of Transportation (DOT). By 2004 the Department of Health and Environmental Control (DHEC) had issued draft language outlining significant changes to the way construction would be permitted throughout South Carolina. This language included a provision requiring all sites greater than one (1) acre to be inspected by “qualified” individuals. DHEC had neither personnel nor infrastructure to provide the education necessary to certify contractors and regulatory staff. This dilemma provided the impetus for DHEC, DOT and others within the regulated community to approach Clemson Extension about creating, delivering and administering an erosion and sediment control inspector certification program to meet this critical requirement.

The CEPSCI Team responded to this considerable challenge by developing and implementing a program designed to educate field personnel about proper installation, maintenance, and inspection of erosion prevention and sediment control measures on construction sites in accordance with the new regulations. While initial estimates from DOT and DHEC placed the potential number of inspectors between 700 and 1000, the true numbers would be far greater. In fact, as of September 2006, the CEPSCI Team has conducted courses for over 3,000 individuals in numerous cities across the state. In addition, several hundred applicants are already registered to take scheduled courses in late October and November.

In my opinion, this Team and the CEPSCI effort places Clemson Extension squarely in front of a very non-traditional audience, many of whom have had no exposure to university educational programs. The conditions they face on construction sites demand real-world solutions to comply with permits and avoid substantial penalties. Evaluation comments I have read indicate that participants believe instructors are providing the knowledge and techniques needed to respond to problems and create effective solutions that protect important water resources.

The Team Award is meant to recognize significant achievements resulting from the type of collaboration that reflects favorably on the Extension Service and Clemson University as a whole. Not only has the CEPSCI team implemented a program that exemplifies PSA’s Environmental Conservation mission, but they have attracted and will sustain a new category of clientele whose continuing education will benefit all South Carolinians.

Respectfully submitted,

William H. Allen, Chair
Department of Agricultural and Biological Engineering