CWSEC Biannual Meeting on December 7, 2007

Members Present

Houston Bell (Town of Briarcliffe Acres), Kevin Blayton (City of North Myrtle Beach), Ed Booth (Town of Surfside Beach), Marcia Conner (Town of Atlantic Beach), Christine Ellis (Waccamaw Riverkeeper), Michele Filyaw-Jordan (Georgetown County Stormwater Division), Karen Fuss (Waccamaw Watershed Academy), Tom Garigen (Horry County Stormwater), Dan Hitchcock (Clemson University), Dave Joyner (Clemson University), Chris Laude (Georgetown County), Susan Libes (Waccamaw Watershed Academy), Stephanie Miller (Coastal Carolina University), Steve Moore (City of Myrtle Beach), David Parry (Town of Briarcliffe Acres), Benjamin Powell (Clemson Extension), Nicole Saladin (NI-WB NERR CTP), Cheryl Salomone (DHEC BOW Outreach), Cal Sawyer (Clemson University), Jackie Taylor (Horry County Stormwater), Charlene Taylor (Town of Atlantic Beach), Beth Thomas (NI-WB NERR), Lindsay Thomas (NI-WB NERR), Jim Wilkie (Murrells Inlet 2007), Janet Wood (City of Myrtle Beach)

Introductions by Karen Fuss

- Approval of June 12, 2007 minutes

CWSEC Education Providers Update (Education Provider Updates)

- Cal Sawyer (Clemson University)
  - Coastal Stormwater Best Management Practice Issues with Bill Hunt (55 attendees)
  - CEPCI (12/6/2007)
    - Reduced rate for regular attendees and CWSEC members
    - Evaluations overall were high
  - LID Gardening – 8 classes in Horry and Georgetown County
  - Announced that Thom Roth passed the Plan Reviewer Course

- Dan Hitchcock (Clemson University)
  - Watershed Academy
    - Sponsors - USDA CRES, EPA Region 4, NERR, Clemson, Alabama Cooperative Extension
    - Went very well

- Ben Powell (Clemson Extension)
  - 4H2O Camp
    - 4 Homeschool students
    - Planning for three more camps in the summer

- Jim Wilkie (Murrells Inlet 2007)
  - Focusing on water quality monitoring
  - Would like to start a Creek Keeper
  - Needs help with education programs

- Nicole Saladin (NI-WB NERR Coastal Training Program)
  - July – pervious concrete workshop
  - September – focus groups in Charleston with ACE Basin
    - Stormwater Center – UNH (CEPI) – want to develop programs over nation
  - January 17, 2008 – Workshop on Wetlands – “Getting to Know Wetlands”
  - Chamber in Georgetown – making a sculpture out of pervious concrete
  - Master Naturalist Course (10 weeks on water quality along the River)

- Kevin Blayton (City of North Myrtle Beach)
Parking Areas on 6th and 21st Avenues are pervious
Karen Fuss asked to have press and public present at installation

Ed Booth (Town of Surfside Beach)
- Moving setbacks from Highway 17 – moving to 50’
- Pervious concrete
- Public Works Director resigned Friday

Beth Thomas (NI-WB NERR)
- Estuary Live

Christine Ellis (Waccamaw Riverkeeper)
- Presentations to local community organizations
- Waccamaw River Conference (March 1) at Waccamaw Higher Ed. Center followed by oyster roast at Hobcaw Barony
- Winyah Bay Heritage Festival (January 19-20)
- River Cleanups (start March 29)
- Horry County Access Channel slides
- Volunteer Monitoring Program
- Committee Work
  - Horry County Rivers and Wetlands Protection Committee, Coast Matters, Pee Dee Scenic River Advisory Committee, City of Conway Comprehensive Plan, Kingston Lake Watershed/Crabtree Restoration Project
- Training
  - Citizen Education and Awareness focused on Georgetown County
  - Service over Self at Georgetown High
  - Muddy Water Watch – training to local citizens to look for stormwater runoff problems
- Now has a boat and insurance

Susan Libes (Waccamaw Watershed Academy)
- Kingston Lake Watershed Management Plan
- Presentations – Sertoma, Conway Main Street USA, Waccamaw Lake State Park
- Crabtree Restoration Project
  - Dave giving education & outreach to adjacent land owners
    - Dave discussed future plans
  - Monitoring & assessment of what problems are (sediment)
- Volunteer Monitoring
  - Now completely self-contained – no samples come back to the lab
  - World Water Quality Monitoring Day
  - IDDE event in Buck Creek
  - Revamping contracts
  - Trying to extend up to NC
- Technical Advisory
  - Horry County Comprehensive Plan, Conway Comprehensive Plan, Horry County Parks and Open Space Board, Horry County Stormwater Advisory Board, Conway Water Quality and Drainage Commission, Pee-Dee Scenic River Advisory Committee
- NOAA’s N-Spect Model for Kingston Lake Watershed
  - Ocean Monitoring
Continuing work on CCU’s Stormwater Management Plan

- Karen Fuss (Waccamaw Watershed Academy)
  - Presented at 2 national conferences
    - North American Association for Environmental Education in Nov ’07 in VA Beach
      - Poster on CWSEC
    - Coastal Zone ’07 (July) in Portland, OR
      - Poster on CWSEC
  - Field Workshops
    - Adults – Public Involvement – Beach Sweep at Waties Island (Nov ’07)
    - Adults – Public Education through Lifelong Learning classes
      - Historical & Environmental River Cruise – Oct ’07
      - Waties Island – Nov ’07
    - Students – 1 middle school group to Waccamaw National Wildlife Refuge (Cox Ferry Lake Area) in Set ’07
    - Students – 5 groups to Waties Island from Oct – Nov ’07
  - Intern, Stephanie Miller, helped with butterfly garden installation at WNWR – Cox Ferry Lake Area
  - Presentations
    - Murrells Inlet 2007 Chowder Talk in Nov ‘07
    - Winyah Bay Master Naturalist course in Sep ’07
    - HOA/POA International Club in Murrells Inlet for 290+ citizens in Sep ’07
  - Festivals
    - Booth at Round the 4th in Conway (Jun ’07)
  - Wal-Mart/Socastee High Stormwater BMP installation project
    - Wal-Mart donated $14,000 for project and monitoring equipment for school
    - Collaborative effort with CWSEC and Horry Co. Stormwater Dept.

Signing of the CWSEC Resolution by Town of Briarcliffe Acres and Town of Atlantic Beach

- Houston Bell signed for Briarcliffe Acres
- Charlene Taylor signed for Atlantic Beach

CWSEC Database – Stephanie Miller

- Members used database in computer lab
- Will be sent out in the future for members to use

CWSEC Update – Karen Fuss

- Submitted article about CWSEC for SC DHEC’s Turning the Tide newsletter
- Want to continue SMS4 Workshops – please encourage your municipality to participate
- Working on new CWSEC website – hired consultant to help with the development
- Coordination with SC DOT
  - Should we make a new member of CWSEC?
    - Kevin Blayton said that the district engineering office is in Florence – covering more area than just Horry and Georgetown counties
  - SC DOT is a MS4
    - Chris Laude suggested that we invite them to come
Steve Moore said that maybe they could serve as an ad hoc member because we are such a small localized area; probably won’t get funding support from them

We should meet with them before June meeting
  - Chris Laude suggested that a subset of CWSEC meet with SC DOT before our next biannual meeting – everyone agreed

SMS4 Updates
  - Chris Laude gave an update on Georgetown County’s interactions with SC DHEC and Qualified Local Program
    - Stormwater utility fee and its affects on Brookgreen
    - Possibly have Brookgreen become member of CWSEC
  - Steve Moore asked if anyone has heard from SC DHEC
    - Tom Garigen said that Horry Co. met with Connie Anderson, but haven’t followed up for a screening
    - Tom said that Connie Anderson & Ted Ambrose from SC DHEC told them not to call for IDDE, but that the County needs to handle those problems
    - Cal said that SC DHEC wants it not to be called an audit, but a screening as part of customer service to the SMS4s
  - Jackie Taylor was on *Forever Wild* TV show hosted by Ben Abercrombie – can be downloaded
  - Jackie is developing permanent stormwater display for Children’s Museum
  - Kevin Blayton – looking for speakers for SC Public Works Association Conference held in Myrtle Beach in July
  - Tom Garigen
    - Signed contract with Army Corps of Engineers to do Waccamaw Study
    - Discussing stormwater issues with Pirateland Campground

SC DHEC Education & Outreach – Cheryl Salomone
  - They have funding to do non-point source pollution awareness
  - Have no data about pet waste
    - Collect data about dog owners and what they do (pick up waste or not)
  - Hosted local focus groups for toolbox
  - Have promotional items that we can use the artwork
    - Bag holder, PSA on fish and other advisories
    - Working on outreach websites
    - Let DHEC know if this isn’t useful information

CWSEC June Training – Cal Sawyer
  - Why were trainings not highly attended?
  - Do you want to continue training for you as members?
    - Steve Moore & Tom Garigen agreed that we should continue them
    - Hard to be here all day – it’s easier to get out of the office for 2 half days rather than 1 entire day
    - Ben Abercrombie suggested a demonstration project bus tour of bmrs in the area
    - Designers need to know that there is research on LID concepts working
    - Steve suggested TMDL
      - Need to know how to address TMDL regulation
- Get SC DHEC & EPA speakers
- Roger Hall – TMDL developer
- Heather Preston – SC DHEC
- Gina Kirkland

Assessments and Adjourned

Water Quality Monitoring Discussion (Optional) led by Susan Libes
Present: Tom Garigen, Jackie Taylor, Christine Ellis, Dave Joyner, Shelly Filyaw, Chris Laude, Ed Wilkie, Janet Wood, David Parry, Beth Thomas, Lindsay Thomas, Nicole Saladin, Dan Hitchcock, Stephanie Miller, Karen Fuss
- Susan discussed plans for water quality monitoring in Murrells Inlet