

Stormwater Advisory Board
Tuesday, April 26, 2011 @ 3:00 p.m.
Multi Purpose Room D

Members Present: Rawlin Booth, Allison Butler, Robert Castles, Lawrence Langdale, Bill Megert, John Richards, Liston Wells

Members Absent: Robert Boyd, Bob Cline, Diane Creel, David Prince, Raymond Smith

Staff members present: Tom Garigen, Thom Roth, Tanna Deal, Dave Fuss, Dr. Susan Libes

In accordance with the FOIA, a public notice of the meeting was advertised on the Government Access Channel stating the date, time and location of the meeting. Additionally, the meeting was posted on the HCG Website Calendar.

Call to Order: Vice-Chairman John Richards called the meeting to order at 3:10pm. Liston Wells gave the invocation. Pledge of Allegiance was recited.

Public Input: None Given.

Vice-Chairman Richards closed public input.

Approval of Minutes for January 25, 2011 – Liston Wells made a motion; seconded by Rawlin Booth to accept the minutes. Unanimously approved by the Committee.

Approval of Minutes for March 29, 2011 – Rawlin Booth made a motion; seconded by Liston Wells to accept the minutes. Unanimously approved by the Committee.

Discussion Items –

- ❖ **“What’s All This About 303(d) and TMDL?” – Dave Fuss, Watershed Planner, gave a powerpoint presentation on Section 303(d) of the Federal Clean Water Act that lists the South Carolina waterbodies that do not currently meet State water quality standards. This list is used to target waterbodies for further investigation, additional monitoring, and water quality improvement measures, including Total Maximum Daily Loads (TMDLs). The new MS4 Permit will require more monitoring and BMP implementation to address pollutants of concern in impaired waters.**

- ❖ **“Bacteria Source Tracking using qPCR Technology – Dr. Susan Libes gave a powerpoint presentation on identifying sources of bacteria in waterbodies. Dozens of waterbodies in Horry County are listed by SC DHEC as impaired for fecal coliform bacteria, but neither DHEC nor volunteer monitoring identifies the source of the bacteria, so it is difficult to devise strategies to reduce bacteria loading. Horry County and neighboring jurisdictions have partnered to enable CCU’s Environmental Quality Laboratory to develop the technology to identify the source of bacterial contamination. Each animal hosts microbes in their gut that are unique to that species. Replicating the microbes’ genetic material in the lab will allow CCU to identify the major source(s) of the bacteria (e.g. human, cattle, dogs, waterfowl, etc.) so that we can develop strategies to reduce the bacteria loading. This is particularly important for waters that are governed by a Total Maximum Daily Load (TMDL) that requires the county to reduce bacteria loads by a specified percentage.**

End of Discussion Items

Tom Garigen made a recommendation to move the next meeting to June 28, 2011. All approved.

Next meeting – June 28, 2011 at 3pm in Room D of the Government & Justice Center.

Vice-Chairman Richards thanked everyone for attending and adjourned the meeting at 4:25pm.