

**Beaufort County Stormwater Management Utility Board (SWMU Board)**  
*Meeting Minutes*

January 5, 2011 at 2:00 p.m. in Beaufort County Council Chambers  
Final February 2, 2011

**Board Members**

**Present**

Brad Samuel  
John Youmans  
William Bruggeman  
Don Smith  
Allyn Schneider

**Absent**

James Fargher  
Donald Cammerata

**Ex-Officio Members**

**Present**

Tony Maglione  
Ron Bullman

**Absent**

CoB Representative  
Scott Liggett

**Beaufort County Staff**

Daniel Ahern  
Rob McFee  
Lori Sexton  
Billie Lindsay  
Eddie Bellamy  
Gary Kubic  
Tony Criscitiello

**Visitors**

Reed Armstrong, CCL  
Laura Lee Rose, Clemson Extension  
Denise Parsick, BC S&W Cons. Dist.  
Paul Moore, Ward Edwards  
Clayton Colleron, Raincycle  
Van Willis, Town of Port Royal  
Jeff Buckalew, Town of Hilton Head Island  
Ed Modzelewski, ATM

**County Council**

Paul Sommerville

1. Meeting called to order by Don Smith.

2. December 1, 2010 Minutes were approved.

3. **Initial Opportunity for Public Comment** – Board Chairman advised board of Bob Gross’s resignation due to health concerns.

4. **Presentation/Contract Performance** – Gary Kubic and Ed Modzelewski

Gary Kubic wanted to advise the board on positive changes on contract letting. He is also going to standardize board agendas. Feels that we need to have better communication and information sharing. He then related changes and information:

- Rob McFee will serve as chief point of contact for Airports, Stormwater and Solid Waste Boards
- All Boards will be assigned a CPA to report financials – monthly forms and quarterly presentations
- Notification of pending engineering contracts that are heading to his desk with opportunity to comment on them
- Stormwater Management may have a new position established
- Shared contractual activity that has gone on the last two fiscal periods with the board. He will have these posted on the web in the next two weeks.

- Will be investigating accrual issues to establish procedures and as a sharing mechanism he asked ATM who was on the list of contractual activity to present.

Ed Modzelewski presented a power point on the ATM's qualifications and experience and the scope of work and action items completed by ATM during the course of the stormwater runoff volume control program.

He then opened for questions-

Allyn Schneider asked about local organization compared to world wide staff. Ed said Savannah/Bluffton staff is 4 or 5 people of 75 total staff and also have 7 or 8 people in Charleston.

Don Smith asked about the individual tasks and how they were related and deliverables. Ed said that there were many deliverables and maybe this had not been shared properly but is a matter of record.

Don Smith asked if the ATM's October memo was saying if the Management Plan modeling was in error or not applicable to Volume sensitive. Ed said that it was the second part. He said that Volume Sensitive is a great idea but the County is not set up to deal with this. Don asked if there is more work to be done. Ed said that ATM will be supporting the County at a few more meetings.

Brad said that we need to get reports in a format the board can understand to help with limited time they have to spend on stormwater issues. Ed said this has been a challenge to address Volume in the short time and Beaufort County is ahead of the curve in this area.

Don Smith said that the board had not seen many of the outputs and Ed said that this is a good point and maybe they needed to develop a packet of the outputs that have been developed.

#### **5. Form-Based Code Liaison Subcommittee – Don Smith**

Board discussed establishing a subcommittee. Tony Criscitiello explained the expected time line on form-based code and its relationship to stormwater controls. Allyn Schneider, Ron Bullman and third person to be named after they call Don Cammerata.

#### **6. Stormwater Design Storm Basics – Paul Moore, Ward Edwards**

Paul presented a power point on the hydrology of design storms used in Coastal SC. He discussed definition of storm frequency; Summary and comparison of required design storms for various construction activities as required by state, county and municipalities. He also described how the 95<sup>th</sup> percentile (1.95 inch) volume control design storm. Also mentioned addition steps in the design process in case the board would be interested in additional presentations. Board asked if the presentation could be sent to them.

#### **7. SW Volume “Lots of Record but not Built” – Dan Ahern**

As a follow-up to last meeting's board concurrence with proposed new on-lot controls for control of stormwater runoff, staff is now planning to take to the next step which is presentation to the Planning Commission tomorrow January 6, 2011 at 6PM. The staff memo to the commission was in board packet. If the planning commission acts on these changes we will then take to Natural Resource Committee at their February meeting and if approved to County Council for adoption. If adopted then we will develop the web-based program that will utilize the selection process we demonstrated last month on an excel program. Also are considering having a workshop with municipalities. William Bruggeman asked about

time to get on web program. Should be quick since considering using same consultant as we did with the excel program.

Don Smith asked about exemptions for small subdivisions. Clarified that there is a current exemption for subdivisions of 4 or less homes and if new subdivisions take this exemption then homes will need on-lot control.

## **8. Utility Administration - Updates – Dan Ahern**

**Okatie TMDL** – This issue will not receive additional attention at this time and we are directing our efforts to prevent similar TMDL's being developed in Beaufort County. Hopefully we will be able to convince DHEC to consider equivalent impervious cover TMDL's in the future.

**Retrofits** – Admin Parking lot Demo – Final master plan for the full government complex has been submitted and Utility has recommended approval. The design proposal for the parking lot demo has been submitted and has been recommended by the Utility. Unique to this demo is including a contractor demo built into retrofit project. During installation of the pervious pavement it is proposed to have a demo for local contractors to observe and ask questions about pervious pavement construction. If contract is approved we plan to brief the Council's Public Facilities Committee about this project.

**Webcasts and Training** – Our last sponsored web cast was December 15<sup>th</sup> and was not well attended (Better site design gets better) and we need to decide if we are going to continue next year. The board needs to decide if they want a series of short presentations on our governing documents like:

ZDSO

BMP Manual

SW Master Plan

Etc

These could be done by staff and if there were more technical issues (drainage design) we could bring in design consultants as we did today. Also plan to attend a workshop on SC LID manual at TCL on January 12, 2011.

Brad Samuel asked that we have Clemson and Friends of the Rivers give us their proposals for next year's outreach efforts, so the board can have some input on their next year's efforts. Mentioned that long term the Implementation recommended going with Carolina Clear consortium for the first two Minimum Control Measurers (MCM).

**Abercorn Commons** – We have sent you a draft case study on this before the December meeting and are looking into possibly using this project as an example to address peoples concern about stormwater controls and redevelopment that Tony Maglione raised in November. We have gotten the development drawings from the City of Savannah and are considering having a design consultant see if this project meets our current volume control standards. We could include this as an educational presentation to the board if it does in fact meet current volume standards.

Brad Samuel asked if Tanger Mall could be an example and Tony Criscitiello said that it was developed to address the current standards.

**Dataw Island Buffer Initiative** –We are going to meet with SC DNR and Dataw Island POA on January 24, 2010 to discuss an initiative to encourage river front homeowners to create more naturalized river buffers, in lieu of turf surface. James Fargher has had a preliminary meeting on this initiative.

## **9. Annual Maintenance – Project Reports – Dan Ahern**

Presented power point for FY 2011 projects and reported 22 projects of which 5 were large construction projects over \$15,000. Some of these were in the December board packets and in January packets are the 12 new project summaries.

**10. Utility Administration – Regional Coordination – Dan Ahern**

The Committee met November 18, 2010 and is close to finalizing recommendations on the six MCM's for the Stormwater permit. The proposed joint meeting with Charleston MS4 technical group on December 10, 2010 did not work out (in part because of May River Kickoff mtg.) and only one staff member from the County attended. He reported that there is some concern about the reissuance of the MS4 permits that all small MS4 permittees will be receiving in January. Also discussed how TMDL's are decided and seem to have some of the same inter governmental issues as we have – especially when outfalls ditches go from one jurisdiction to another.

The next implementation meeting will be January 20, 2010 and we hope to finalize the MCM recommendations and start to tackle the challenges presented by ToHHI and CoB and ToPR in their letters. SW staff also plans to meet this month with our county planners on a number of issues concerning planning and stormwater controls. Mentioned that Form-based code will only be for more developed areas of the county. Utility feels there are a number of misconceptions on stormwater and water quality regulatory controls that need to be discussed. If form-based stormwater controls can appropriately address requirements we will have a win-win situation for the areas that form-based code will be applied.

**11. Final Opportunity for Public Comment – None**

**12. Next meeting agenda** – Reviewed proposed agenda for February and decided to add design storm presentation next design presentation. Chairman asked about photo in packets and it was a photo taken by Scott Hanson of a shrimp boat in St Helena that won a Center for Watershed Protection contest. It will be featured in their next Science Bulletin this spring.

**13. Meeting adjourned.**