

STATE SOIL AND WATER CONSERVATION COMMISSION MEETING

Thursday, April 18, 2013

Athens, GA

8:00 a.m.

1. Call to Order – Garland Thompson, Chairman
2. Invocation – Brent Dykes, Executive Director
3. Approve Minutes of February 1, 2013 meeting, as previously Provided **(APPROVED)**
4. Act on Supervisor Resignations **(APPROVED)** and Appointments **(APPROVED)**
5. Executive Director's Report – Brent Dykes
 - a) 2013 Conservation Partnership Washington DC Trip
 - b) Legislative Update
 - c) Regional Office Transition
 - d) Financial Disclosure Statements
6. Presentations by the Georgia Environmental Finance Authority (Kevin Clark, Executive Director) and the Department of Community Affairs (Brian Williamson, Deputy Commissioner) Regarding Water Infrastructure Funding
7. Deputy Executive Director's Report – Dave Eigenberg
—Report on Monthly Meter Data Project
8. Quarterly Expenditure Report—Niki Strain **(APPROVED)**
9. Presentation by Technical Advisory Committee Regarding Proposed Updates to the Manual for Erosion and Sediment Control (Britt Faucette, Chairman) **(Board consensus to pursue Option #2 for testing sediment barriers—see attached.)**
10. NRCS Update
11. GACDS Update
12. Public Comments
13. Upcoming Board Meetings
—Thursday, June 20, 2013
14. Adjourn



February 13, 2013

Oconee River Soil and Water Conservation District
90 Lanthier Street
Winder, GA 30680

Dear Supervisors:

My 23 years as a supervisor for the Oconee River Soil and Water Conservation District have been very rewarding. I have a long-standing love and respect for the work of the Soil and Water Conservation Districts. This respect was passed down from my father and his father, who saw first-hand what could be accomplished with cooperation between landowner, local neighbors, and State and Federal Conservationists in protecting our natural resources. My family has benefited from this partnership and, through my participation as a supervisor, I attempted to pay my family's debt.

During my years with the organization, I have served with some of the finest and most dedicated people not just in our district but throughout the state. However, things do change, and the time has now come when I feel that I must resign my position as a supervisor from Barrow County.

I am sure there is a qualified person to fill the position. I will always support and work with the District in any way I can as a private citizen who truly believes in the conservation of our natural resources.

Sincerely,

A handwritten signature in black ink that reads 'David H. Jackson'. The signature is fluid and cursive, with a long horizontal flourish extending to the right.

David H. Jackson
PO Box 160
Winder, GA 30680

cc: Garland Thompson
Brent Dykes
Danny Hogan

Tom Kerlin

1759 Hwy. 85 South
Fayetteville, GA 30215
Phone (770) 461-8974

March 7, 2013

Doug Cawthon
District Chairman
Towaliga Soil and Water Conservation District
3014 Heritage Road, Suite 1
Milledgeville, GA 31061

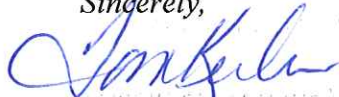
Dear Doug,

When District Supervisor Travis Hardy first approached me about filling an appointed position on the district board I was honored to be asked and agreed, knowing that my job allowed me the time to serve. Over the years, I have enjoyed the time I have been on the board and felt privileged to be associated with the people with whom I have served.

Unfortunately time has brought with it changes in my job situation. With the downturn in the economy, complicated by the loss of my former job and means of livelihood, I have had to turn to employment in the retail industry, which has interfered with my ability to attend monthly meetings. I had hoped some changes would have been forthcoming in 2013, but apparently, that is not to be.

Therefore, please accept this letter as notice of my formal resignation from the Towaliga Soil and Water Conservation District Board of Supervisors. Thank you and the other board members for the opportunity to serve as long as I have.

Sincerely,



Tom Kerlin

H.B. Waller, III
706 Laurel Tree Rd.
Clyo, Georgia 31303

January 8, 2013

Memo to Georgia Soil & Water Commission:

It is with regret that I submit my resignation from the Soil & Water Board of Commissioners due to health reasons, effective immediately. I will be prioritizing my efforts for my farm and family in the coming months, and I no longer feel that I can offer the level of leadership this position deserves. It has been my pleasure to serve as Supervisor representing Effingham County for 20 years, and I appreciate the hard work and dedication displayed by the many individuals comprising this body throughout my tenure. It has been an honor to serve with you over the years, and I wish you every success with your future endeavors.

Best wishes for a blessed and prosperous New Year.

With regards,



Bart Waller

Grant Update: Setting BMP Methods & Standards for Inclusion into the Manual for Erosion and Sediment Control in Georgia

The goal of the grant is to establish a process and procedure for accepting new practices/products into the Manual. By the end of this grant GSWCC will have established benchmark standards for specific BMPs in the Manual for which new practices/products will be reviewed against.

GSWCC contracted TRI/Environmental, Inc to conduct tests for two of the most commonly used erosion and sediment control best management practices, sediment barriers (Sd1, i.e. silt fence) and check dams (Cd).

This update will focus on sediment barriers and seek direction from the GSWCC Board how to move forward.

Sediment Barriers Sd1

Testing Overview:

Sediment barriers were tested in accordance with ASTM's WK11340 (as of February 2012). This test was selected because the Technical Advisory Committee (TAC) felt it best represented real world conditions. In addition to the ASTM WK11340, GSWCC had

TRI conduct a series of index tests such as tensile strength and mass/volume.

Products evaluated:

1. Vendor selected at random distributors on the Georgia Department of Transportation's Qualified Product List 36 as follows:
 - Three distributors for Type A fabric
 - Installed according to specifications in the Manual using wood posts
 - Wood posts shall be oak and 1.5" x 1.5" in diameter and 4ft in length.
 - Three distributors for Type C fabric
 - Installed according to specifications in the Manual
 - Two distributors for C systems
 - Installed according to manufactures specifications
2. Products listed on the Georgia Soil and Water Conservation Commission's Approved Products List for Type C Silt Fence Alternatives.
 - Install according to manufactures specifications

Pictures of ASTM WK11340 conducted by TRI Environmental, Inc



Figure 3. Typical Prepared Control Slope



Figure 4 Typical Prepared Slope & Sediment Barrier Installation



Figure 5. Control End-of-Test



Figure 6. Type A End-of-Test



Figure 7. Type C End-of-Test



Figure 8. C-System End-of-Test



Figure 10. Type B Silt Fence End-of-Test



Figure 11. Type B Compost Sock End-of-Test



Figure 12. Type B Straw Bales End-of-Test

In the Manual there are three types of silt fence, Type A, B, C. The Manual specifies where each type can be used, for how long it can be used and specifications such as minimum fabric width, bursting strength, types of post that must be used, etc.

	Minimum Length	Type of Post	Size of Post
Type A	4'	Soft wood Oak Steel	3" dia. or 2x4 1.5" x 1.5" 1.3lb./ft. min.
Type B	3'	Soft wood Oak Steel	2" dia. or 2x2 1" x 1" .75lb./ft. min.
Type C	4'	Steel	1.3lb./ft. min.

	Gauge	Crown	Legs	Staples/Post
Wire Staples	17 min.	3/4" wide	1/2" long	5 min.
	Gauge	Length	Button Heads	Nail/Post
Nails	14 min.	1"	3/4"	4 min.

Note: Filter fabric may also be attached to the post by wire, cord, and pockets.

To be considered going forward:

Option #1 – Approve products and allow use strictly based on trapping efficiencies.

The trapping efficiencies would be based on the P-factor.

The P-factor for this test is the practice factor that equals the ratio of protected slope sediment loss (via seepage through a sediment barrier) to control slope sediment loss (via runoff without sediment barrier)

The Manual would still provide certain specifications; height requirements for sensitive areas, i.e. State Waters and steep slopes and two rows of sediment barriers along sensitive areas.

GSWCC would use the calculated P-factor test results to set a range for which all new products must fall within to be approved.

GSWCC would set a minimum of two ranges, one for general use and one for sensitive areas (ie State Waters)

Traditional categorization and specifications may no longer exist.

Option #2 - Approve products and allow use strictly based on trapping efficiencies and a product durability test.

This option is the same as Option 1, but would require an additional test, a durability test, such as tensile strength test for silt fence fabrics.