

**STATE SOIL AND WATER CONSERVATION COMMISSION MEETING**  
**via Conference Call**  
**Thursday, October 31, 2013**  
**8:30 a.m.**

1. Call to Order – Garland Thompson, Chairman
2. Invocation – Brent Dykes, Executive Director
3. Approve Minutes of August 12, 2013 meeting, as previously provided **(APPROVED)**
4. Act on Supervisor Resignations **(APPROVED)** and Appointments **(APPROVED)**
5. Consider Per Diem rate for GACDS Annual Meeting **(APPROVED at \$120 for Friday attendance and \$120 for Saturday attendance, not to exceed \$240 total)**
6. Executive Director's Report – Brent Dykes
  - a) Personnel Report
  - b) Review and Consider District Competitive Allotments **(APPROVED at \$500 per district—see attached list)**
  - c) Quarterly Expenditure Report **(APPROVED as presented)**
7. Urban Program Report—Lauren Zdunczyk
  - a) Review and Consider Updates to E&SC Manual  
**(APPROVED-Revisions to Manual, as presented, with effective date of Jan. 1, 2014)**  
**(APPROVED-Testing Procedures, as presented-see attached)**  
**(APPROVED-Approved Products List, as presented-see attached)**  
**(Agreed to recognize GA D.O.T. Qualified Products List until Jan. 1, 2015)**
  - b) Fulton County MOA **(APPROVED—Fulton County to review Erosion Control plans less than one acre in size)**
8. Public Comments
9. Upcoming Board Meetings
  - Discussion regarding upcoming Board meeting dates:
    - a) **Thursday, December 12, 2013-Athens**
    - c) In conjunction with GACDS 2014 Annual Meeting (Jan. 24-26, 2014)
    - d) Thursday, March 20, 2014



# Alapaha Soil & Water Conservation District

HEADQUARTERS:  
4344 ALBANY HIGHWAY, DAWSON, GA 39842 • (229) 995-6001

"OUR SOIL IS OUR NATION'S GREATEST RESOURCE - PROTECT IT"

BERRIEN COUNTY  
CLINCH COUNTY  
COOK COUNTY  
ECHOLS COUNTY  
LANIER COUNTY  
LOWNDES COUNTY

*May 3, 2013*

*Memo To: Georgia Soil & Water Conservation Commission Board*

*From: Marvin Smith*

*Address: 224 Sycamore Street  
Homerville, Georgia 31634*

*Subject: Resignation Letter*

*Please allow this letter to serve as my immediate resignation of the Alapaha Soil & Water Conservation District, Supervisor of Clinch County. Due to personal health issues that have recently surfaced, I have decided to resign. I have thoroughly enjoyed serving as Board member over the last 7 years and I'm thankful for the opportunity. Please accept my resignation and heartfelt thanks for your support. Best wishes to the Alapaha Soil & Water Conservation District.*

*Signature: (X) Marvin Smith by Kenneth A. Smith POA*

*Date: 8-7-13*

OUR SOIL IS OUR GREATEST RESOURCE - PROTECT IT!



## Ocmulgee River Soil and Water Conservation District

Comprising Bibb, Crawford, Dooly, Houston, Macon, Peach,  
Pulaski, Taylor and Wilcox Counties

4344 Albany Highway • Dawson, GA • (229) 995-6001

July 15, 2013

*Memo To: Georgia Soil & Water Conservation Commission Board*

*From: Stephen Cummings*

*Address: 2509 Old Perry Road  
Marshallville, Georgia 31057*

*Subject: Resignation Letter*

*Please allow this letter to serve as my immediate resignation of the Ocmulgee River Soil & Water Conservation District Supervisor of Macon County. I have been unable to attend the monthly District meetings and participate in events due to my schedule. Please accept my resignation and best wishes to the Ocmulgee River Soil & Water Conservation District.*

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**NOMINEES FOR THE POSITION OF DISTRICT SUPERVISOR  
TO BE APPOINTED BY GEORGIA SOIL and WATER CONSERVATION COMMISSION**

REGION	DISTRICT	COUNTY	NAME	CITY	%	FUTURE TERM WILL EXPIRE
I	Fulton County	Fulton	1. <b>Walt Reuk</b>	Milton	95%	07/09/15
			2. Melissa Echevarria			
			3. Jim Hamilton			
	Limestone Valley	Cherokee	1. <b>Donald "Don" Keeter</b>	Canton	90%	10/30/15
			2. Kenneth Patton			
			3. Lacelle Davis			
		Gilmer	1. <b>Charles P. Nealey</b>	Ellijay	91%	10/30/15
			2. Lester Richardson			
			3. Justin Wingate			
		Murray	1. <b>Linda Loughridge</b>	Chatsworth	95%	11/24/15
			2. Mike Davis			
			3. Charles Campbell			
		Pickens	1. <b>Dorothy Mable Brown</b>	Jasper	100%	11/13/15
			2. karen Howard			
			3. Debra Hunt			
West Georgia	Carroll	1. <b>Hugh Brock</b>	Carrollton	82%	07/09/15	
		2. Ray Kent				
		3. Tony Cole				
II	Oconee River	Clarke	1. <b>Fred Smith</b>	Athens	NEW	11/09/15
			2. Kenneth Shealy			
			3. Mary Hull			
	Stephens County	Stephens	1. <b>Evan Hellenga</b>	Toccoa	100%	10/30/15
			2. Cathey Camp			
		3. Neal Elliott Sheppard				
III	Altamaha	Telfair	1. <b>Travis Cook</b>	McRae	100%	11/13/15
			2. Ralp Matthew			
			3. Alvin Stanley			
	Brier Creek	Burke County	1. <b>Art Rider</b>	Wayne	100%	10/12/15
			2. Tommy Edenfield			
			3. H. C. Hopkins, III			
		GlascocK	1. <b>Robert Snider</b>	Gibson	95%	10/12/15
			2. Hollis Chalker			
			3. Melvin Todd			
		Jefferson	1. <b>Jerry David Dowdy</b>	Wrens	NEW	10/12/15
			2. Sam Pennington			
			3. Randy Rhodes			
	Jenkins	1. <b>Lamar Black</b>	Millen	90%	10/12/15	
		2. Anthony Cowart				
		3. Danny Daughtery				
	Richmond	1. <b>Tom Mims</b>	Hephzibah	95%	10/12/15	
		2. Robert Brown				
		3. Charles Dillard				

**NOMINEES FOR THE POSITION OF DISTRICT SUPERVISOR  
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	<b>Coastal</b>	<b>Bryan</b>	<b>1. Charles F. Warnell</b> 2. Gene Brodgon 3. Carlton Gill	<b>Richmond Hill</b>	<b>66%</b>	<b>10/30/15</b>
		<b>Chatham</b>	<b>1. Edward Zipperer</b> 2. Dexter Shearhouse 3. Herbert Keller	<b>Savannah</b>	<b>100%</b>	<b>10/30/15</b>
		<b>McIntosh</b>	<b>1. Dan Hawthorne</b> 2. Alexander Simmons 3. Charles Hennen	<b>Darien</b>	<b>100%</b>	<b>10/30/15</b>
	<b>Ogeechee River</b>	<b>Evans</b>	<b>1. Gary Bell</b> 2. Ray Todd 3. Randy Deloach	<b>Bellville</b>	<b>77%</b>	<b>10/30/15</b>
		<b>Screven</b>	<b>1. A. W. Robinson, III</b> 2. Olin Boyd 3. Richard Boykin	<b>Sylvania</b>	<b>91%</b>	<b>10/30/15</b>
		<b>Tattnall</b>	<b>1. Lavanda Lynn</b> 2. L. H. Bland 3. Gary Banks	<b>Collins</b>	<b>62%</b>	<b>10/30/15</b>
	<b>Satilla River</b>	<b>Brantley</b>	<b>1. Walter Christopher Thomas</b> 2. Andrew Jackson Hickox, Jr. 3. Edmond Jacobs	<b>Hoboken</b>	<b>67%</b>	<b>10/30/15</b>
		<b>Charlton</b>	<b>1. John Lynn Murray</b> 2. Oliver Crews 3. Linda Lee	<b>Folkston</b>	<b>54%</b>	<b>02/27/14</b>
		<b>Glynn</b>	<b>1. Matthew Raiford</b> 2. Glenn Mikel 3. Jesse W. Stepp	<b>Brunswick</b>	<b>NEW</b>	<b>10/30/15</b>
<b>V</b>	<b>Alapaha</b>	<b>Cook</b>	<b>1. Harold Simpson</b> 2. Tommy Daughtrey 3. Derrell Bennett, Jr.	<b>Adel</b>	<b>91%</b>	<b>08/10/15</b>
		<b>Calhoun</b>	<b>1. Graham Ginn</b> 2. Tom Jackson 3. Chris Kendrick	<b>Edison</b>	<b>53%</b>	<b>10/30/15</b>
		<b>Decatur</b>	<b>1. Pete Miller, Jr.</b> 2. Kevin Rentz 3. Andy Bell	<b>Bainbridge</b>	<b>65%</b>	<b>10/30/15</b>
		<b>Dougherty</b>	<b>1. Doug Wilson</b> 2. Jacob Pascal 3. Justin Wilkerson	<b>Albany</b>	<b>85%</b>	<b>10/30/15</b>
		<b>Miller</b>	<b>1. Billy Roland</b> 2. Rick Laguardia 3. Dole Cook	<b>Colquitt</b>	<b>100%</b>	<b>10/30/15</b>

**NOMINEES FOR THE POSITION OF DISTRICT SUPERVISOR  
TO BE APPOINTED BY GEORGIA SOIL and WATER CONSERVATION COMMISSION**

		<b>Mitchell</b>	<b>1. David Holton</b>	<b>Camilla</b>	<b>56%</b>	<b>10/30/15</b>
			2. Janet Stallings			
			3. Charles Stripling			
		<b>Seminole</b>	<b>1. Greg Mims</b>	<b>Donalsonville</b>	<b>75%</b>	<b>10/30/15</b>
			2. Raymond Thompson			
			3. Kevin Lewis			
	<b>Middle South</b>	<b>Ben Hill</b>	<b>1. Joseph Kyle Phillips</b>	<b>Fitzgerald</b>	<b>90%</b>	<b>11/25/15</b>
			2. Jimmy Reeves			
			3. Glenn Stokes			
		<b>Crisp</b>	<b>1. James Farrow Baker</b>	<b>Cordele</b>	<b>65%</b>	<b>11/25/15</b>
			2. Randy Coffee			
		<b>Irwin</b>	<b>1. Donald McWhorter</b>	<b>Fitzgerald</b>	<b>75%</b>	<b>11/25/15</b>
			2. Bob Martin			
			3. Tim Lott			
		<b>Thomas</b>	<b>1. Carrol Fort, Sr.</b>	<b>Pavo</b>	<b>75%</b>	<b>11/25/15</b>
			2. Russell Smith			
			3. Paul Sherod			
		<b>Tift</b>	<b>1. Grady Thompson, Jr.</b>	<b>Tifton</b>	<b>80%</b>	<b>10/12/15</b>
			2. Chris Goodman			
			3. Gerald Branch			
		<b>Turner</b>	<b>1. Alex Sumner</b>	<b>Sycamore</b>	<b>70%</b>	<b>11/25/15</b>
			2. Scottie Raines			
			3. Dan King			
		<b>Worth</b>	<b>1. William Young</b>	<b>Sumner</b>	<b>60%</b>	<b>11/25/15</b>
			2. Jerry Young			
			3. Jimmy Bryant			

## **FY 14 DISTRICT COMPETITIVE ALLOTMENTS**

1. Broad River
2. Coastal
3. Cobb County
4. Flint River
5. Lamar County
6. Walton County
7. Alapaha
8. Catoosa County
9. Hall County
10. Lower Chattahoochee River
11. Ogeechee River
12. Piedmont
13. Pine Mountain
14. Satilla River
15. Upper Chattahoochee River
16. West Georgia

## **DRAFT Procedures**

### **Georgia Soil and Water Conservation Commission The Manual for Erosion and Sediment Control in Georgia New Products Procedure**

#### **Introduction**

The Georgia Soil and Water Conservation Commission (GSWCC) was formed to protect, conserve and improve the soil and water resources of the State of Georgia. GSWCC's goal is to make Georgia a better place for its citizens through the wise use and protection of basic soil and water resources and to achieve practical water quality goals.

GSWCC is responsible for maintaining the Manual for Erosion and Sediment Control in Georgia (Manual). The Manual contains standards and specifications that are followed and practiced through out the state of Georgia. The Manual was first published in 1975. Since then the Manual has under gone five revisions with the last revision happening in 2001. Chapter 6 of the Manual focuses on the standards and specifications for planning, design and installation of erosion and sediment control measures. In February 2009, GSWCC received a Federal 319 Grant to establish benchmark standards and procedures for accepting new practices and products into the Manual.

The approved products list maintained by GSWCC is only for the Manual.

#### **Submittal Process**

To be considered for product approval, manufactures will need to submit the following:

1. A completed GSWCC Product Approval Application
2. Product sample, product specifications, product literature, installation references, field performance data, and any other state agency that has testing in progress, tests completed and/or product approval.
3. Certified lab results from a qualified laboratory capable of performing the required GSWCC tests.
4. Private label identification: Provide a letter from the private labeler identifying his source and name of material along with a companion letter from the manufacturer. Material properties and identifying names shall be included in the letters of certification.

Products that meet GSWCC specified benchmarks are not guaranteed to be placed on the GSWCC Approved Products list. Products that are not environmentally compatible will not be allowed. All products must be approved by the GSWCC Board.

Product information submitted by the manufacturers to GSWCC will not be considered confidential unless otherwise noted.

#### **Recertification**

Recertification of products, on a 3 year cycle, will be required for products to remain on the approved list. Manufacturers will be required submit a letter certifying that the product is still being manufactured with the same quality and composition as the test material originally submitted for evaluation. The submission of index tests may also be required.

If modifications to an approved product have been made, manufacturers will have to have the current product retested and results submitted to GSWCC.

## **DRAFT Procedures**

### **GSWCC Required Testing**

GSWCC has outlined specific tests for each practice currently in the Manual. The required tests are as followed:

#### **1. Channel Stabilization**

Products seeking approval for channel stabilization applications must be tested according to ASTM D6460 Standard Test Method for Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Earthen Channels from Stormwater-Induced Erosion.

Products will be categorized as followed:

1. Category 1 (0-5 ft/sec) Vegetated Lining with Blankets
2. Category 2 (5- 10 ft/sec) Vegetated Lining with TRM or Rip Rap Lining
3. Category 3 (> 10 ft/sec) Concrete Lining

#### **2. Check Dams**

Products seeking approval for check dam applications must be tested using ASTM D7208 (Modified), as specified by GSWCC. The check dam must perform better than the unchecked channel 20% of control (i.e. 80% reduction in soil loss), and withstand a flow rate of 2.0cfs.

The product shall be tested at 0.5cfs, 1.0cfs and 2.0cfs, using sandy clay soil as shown on the USDA soil triangle.

Please refer to GSWCC Approved Test Method for check dams, for complete testing procedures.

#### **3. Inlet Sediment Traps**

Products seeking approval for inlet sediment trap applications must be tested using ASTM D7351 – Modified (Proposed April 2013), as specified by GSWCC.

Inlet sediment traps shall meet 90% soil retention efficiency with a minimum seepage efficiency of 65% for unpaved areas and shall meet 75% soil retention efficiency with a minimum seepage of 85% for paved areas.

#### **4. Rolled and Hydraulic Erosion Control Products**

To be approved as a RECP or HECP the manufacturer must submit independent research data from rainfall simulated slope tests conducted through the National Transportation Product Evaluation Program (NTPEP) using ASTM D6459. With the only modifications allowed pertain to the installation methods required for HECPs and RECPs.

Products shall have a maximum C-factor ASTM D6459 –for the following slope grade:

Slope (H: V)	C-Factor (max.)
3:1 or steeper	0.080

#### **5. Sediment Barriers**

Sediment Barriers are to be tested according to the procedures by GSWCC. GSWCC is incorporating elements from the “Methods” and “Data Analyses” sections of the technical publication titled “Needed Information: Testing, Analyses, and Performance Values for Slope Interruption and Perimeter Control

## **DRAFT Procedures**

BMPs” authored by Kurt Kelsey, Tony Johnson, and Ryan Varva (IECA 2006) and portions of ASTM D6459 and ASTM WK 11340 (February 2012) to create its own test for sediment barrier (Sd1) products.

Please refer to GSWCC Approved Test Method for sediment barriers, for complete testing procedures.

Each product will be required to perform index testing for quality control purposes. The index testing are as follows:

### **Two Dimensional Products (Geotextile – type), will included, but not limited to:**

- Mass /Area Thickness – ASTM D 5261 and ASTM D 5199
- Tensile Strength – ASTM D 4632
- Permittivity (flow) – ASTM D 4491
- Apparent Opening Size – ASTM D 4751
- Percent Open Area – Light Projection

### **Three Dimensional Products (Wattle – type), will include, but not limited to:**

- Mass/Volume
- Circumference/Perimeter
- Relevant Component Properties, such as but not limited to netting tensile strength

If a product does not meet one of these categories, please contact GSWCC’s Urban Program to discuss what index tests would be required.

Products seeking approval must meet a P-factor of 0.030 for sensitive area applications and a P-factor of 0.045 for non sensitive area applications.

Sensitive areas can be defined as any area that needs additional protection, these areas include but not limited to state water, wetlands, or any area the design professional designates as sensitive.

## **6. Tackifiers**

For general use, the tackifier must meet the specifications in Manual. To be used in other BMP applications such as Slope Stabilization or Channel Stabilization please refer to that BMP testing specification.

### **References:**

ASTM D7208 “Standard Test Method for Determination of Temporary Ditch Check Performance in Protecting Earthen Channels from Stormwater Induced Erosion”,

ASTM D6460 Standard Test Method for Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Earthen Channels from Stormwater-Induced Erosion.

ASTMD6459 “Standard Test Method for Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Hillslopes and Rainfall Induced Erosion”,

ASTM D7208 “Standard Test Method for Determination of Temporary Ditch Check Performance in Protecting Earthen Channels from Stormwater Induced Erosion”,

ASTM D7351 (Modified) Determination of Inlet Sediment Trap Effectiveness in Inlet Protection Applications

## **DRAFT Procedures**

### References (continued)

WK11340 \*Reprinted, with permission, from WK11340 “Standard Test Method for Determination of Sediment Retention Devices (SRDs) Performance in Reducing Soil Loss from Rainfall-Induced Erosion (December 2010),

copyright ASTM International (ASTM), 100 Barr Harbor Drive, West Conshohocken, PA 19428. A copy of the complete standard may be obtained from ASTM, [www.astm.org](http://www.astm.org),

**Products to be Approved  
for  
GSWCC Approved Products Lists**

**Check Dams**

Filtrexx - Filtrexx Filter Soxx (9 inches)

**Sediment Barriers**

**Non-sensitive Applications**

To be considered for non-sensitive applications products must meet a P-factor of 0.045

1. Belton Industries, Inc. - Beltech 1935
2. Belton Industries, Inc. - Beltech 1935 (24 in)
3. DDD Erosion Control, Inc. - GA-CSA
4. Erosion Tech, LLC - ET-GA-C
5. Filtrexx - Filtrexx Filter Soxx (12 inch)
6. Geo Fabrics, LLC - GFG-B
7. Hanes Geo Components - TerraTex GASF-A
8. Propex Fabrics, Inc. - Geotex 111F
9. Silt- Saver, INC - Belted Silt Retention Fence (system )
10. Tencate Geosynthetics - Mirafi FW 402
11. Thrace-LINQ, Inc. - GTF-400EO
12. Willacoochee Industrial Fabrics, Inc. - 1215 Silt Fence

**Sensitive Applications**

To be considered for sensitive applications products must meet a P-factor of 0.030

1. Belton Industries, Inc. - Beltech 1935
2. Belton Industries, Inc. - Beltech 1935 (24 in)
3. Filtrexx - Filtrexx Filter Soxx (12 inch)
4. Geo Fabrics, LLC - GFG-B
5. Silt- Saver, INC - Belted Silt Retention Fence (system )
6. Willacoochee Industrial Fabrics, Inc. - 1215 Silt Fence