

## **State-wide Steering Committee**

Alabama Soil and Water Conservation Committee  
Alabama Chapter of the Soil and Water Conservation Society  
Alabama Association of Conservation Districts  
Alabama Associated General Contractors  
Alabama Cooperative Extension System  
Alabama Department of Environmental Management  
Alabama Department of Transportation  
Auburn University  
Auburn University Stormwater Research Facility  
Home Builders Association of Alabama  
Natural Resources Conservation Service

## **Industry Sponsors (State-wide)**

Alabama Power Company  
Applied Polymer Systems, Inc.  
American Excelsior Co.  
EnviroCert International, Inc.  
Erosion Pros, LLC  
J W Faircloth and Son Inc.  
Flexamat (Motz Enterprises, Inc.)  
Hanes Geo Components, Inc.  
Silt-Saver Inc.  
Southeast Environmental Consultants  
Sunshine Supplies, Inc.

## **Local Sponsors**

Baldwin and Mobile County Conservation Districts  
Cities of Daphne, Mobile, Fairhope, and Foley  
Mobile and Baldwin County Commissions  
AL Department of Transportation  
Volkert, and Vulcan

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## **Field Day Presenters and Group Leaders**

### **Presenters:**

Andrew James, P.E. & Annelise Dodd, P.E - Volkert  
Cathy Barnette, CPESC – Dewberry  
Darren Jones – Hanes Geo.  
Carrie Perry & Clint Miller – The Dumpster Guy  
Earl Norton - AL Soil & Water Conservation Committee  
Eric Marsal – American Excelsior  
Jay Robertson, P.E. - Sawgrass LLC  
Jim Spotts - Southeast Environmental Consultants  
Keith Potter and Dave Goff – Silt Saver  
Mike Perez, Megan Armstrong, & Jannell Clampitt - Auburn University,  
Perry Oakes - AL Soil & Water Conservation Committee  
Richard Johnson, P.E. - City of Fairhope  
Seva Iwinski - Applied Polymer Systems, Inc.  
Skip Ragsdale - Sunshine Supplies  
Tony Cooper, P.E. - ALDOT  
Trey Jinright, P.E. & Paul Marcinko, P.E. - JADE Consulting

### **Group Leaders:**

Kim Burmeister - City of Fairhope, Code Enforcement  
Ashley Campbell - Baldwin County, Natural Resource Planner  
Tim White - City of Daphne, Environmental Programs Manager



## **Clear Water Alabama™ 2022 Field Day**

**Daphne, AL  
September 22, 2022**

## **Schedule of Activities**

7:30 - 8:50 AM	Registration, Exhibits Open (Continental breakfast) (Associated General Contractors of Alabama))
7:55 - 8:55 AM	Qualified Credentialed Inspector Training (HBAA only)
8:55 AM	Welcome and Logistics – Perry Oakes Erosion and Sediment Control Program Coordinator, Alabama Soil and Water Conservation Committee
9:00 - 9:10 AM	Groups - Load Buses to Tour Field Day sites (Snacks Provided by Envirocert, Drinks by City of Fairhope)  Visit sites: review erosion control, sediment control, and stormwater management practices
12:10 - 1:00 PM	Lunch – Fairhope North Beach Park (Sawgrass, LLC, Drinks provided by City of Fairhope)
1:00 - 4:00 PM	Continue Field Day site visits
4:30 PM	End Field Day site visits and pick up <i>Certificate of Training</i> at Daphne Civic Center



Hilltop Subdivision-Low Impact Development

**AL 181 Widening Project - An ALDOT Project Connecting U.S. 31 to U.S. 98**

Design Challenges – Tony Cooper, P.E., ALDOT

BMP's

- Dedicated Erosion Crew
- Active Treatment System
- Construction Sequencing and Preservation of Vegetation
- Infiltration Ditch Swale
- Final Stabilization

**Barner Road Constructed Wetlands**

Design Challenges – Andy James, P.E. & Annelise Dodd, P.E., Volkert

- Establishing Native Vegetation
- Flood abatement/Improving Water Quality
- Construction Sequencing/Adaptive Management

BMPs

- Bypass Pumping
- Temporary Seeding, Mulching, and Matting
- Structural Controls

**Erosion & Sediment Control at Old Battles Village House Site**

The Site-Specific Plan – Cathy Barnette, CPESC, Dewberry

BMPs

- Construction Exit Pad – Skip Ragsdale
- Silt Fence alternative – Eric Marsal
- Inlet Protection – Keith Potter, Dave Goff, and Skip Ragsdale
- Silt Fence with overflow and dewatering – Darren Jones
- Wattles – Eric Marsal and Skip Ragsdale
- Groundskeeping and concrete washout- Carrie Perry and Clint Miller
- Preservation of Vegetation and Vegetated Buffers – Earl Norton
- Temporary Seeding and Mulching – Earl Norton

**Sediment Basins & Flocculants at Old Battles Village**

Design Challenges - Mike Perez, Megan Armstrong, & Jannell Clampitt – Auburn University, Seva Iwinski – Applied Polymer Systems, Inc. & Jim Spotts – Southeast Environmental Consultants

BMPs

- Sediment Basins (Skimmers, Baffles)
- Flocculant Introduction Techniques
- Turbidity Reduction Barrier

**Hilltop Subdivision Low Impact Development**

Design Challenges –Trey Jinright, P.E. & Paul Marcinko, PE, JADE Consulting

BMPs

- Proper buffers around the existing natural storm water conveyance
- Sand Filters in each Dry Swale/Pond and Treatment Train
- Large Level Spreader
- Site Specific Design to Retain Trees
- Use of Grass Swales and Roadside Ditches Instead of Curb
- Wet Pond with Skimmer

**Mechanically Stabilized Earth (MSE) Wall City of Fairhope**

NRCS EWP Program overview – Perry Oakes, PE

Design Challenges – Richard Johnson, P.E., City of Fairhope & Jaye Robertson, P.E., Sawgrass LLC

Limited Access and Staging Areas

BMPs

- Temporary Seeding (also, provided straw for mulching)
- Rip Rap Check Dams
- Sediment Barrier – Silt Fence – Brush Berms – Sediment Sump
- Solid Sod

<b>Group 1 –Tim</b>	<b>Group 2 – Ashley</b>	<b>Group 3- Kim</b>
9:48 AM – 10:33 AM	9:30 AM – 10:00 AM	9:29 AM – 10:09
Barner Const. Wetland	AL 181 ALDOT	OBV Home Site
11:04 AM – 11:34	10:32 AM – 11:17 AM	10:19 AM – 10:59 AM
AL 181 ALDOT	Barner Const. Wetland	OBV Floc. Demonstration
12:00 PM – 1:00 PM	12:00 PM – 1:00 PM	11:09 AM – 11:39 AM
Lunch	Lunch	MSE Wall
1:10 PM – 1:40 PM	1:12 PM – 1:52 PM	12:00 PM – 1:00 PM
MSE Wall	OBV Home Site	Lunch
1:50 PM – 2:20 PM	2:02 PM – 2:42 PM	1:10 PM – 1:40 Pm
Hilltop Subdivision	OBV Floc. Demo.	Hilltop Subdivision
2:30 PM – 3:10 PM	2:52 PM – 3:22 PM	2:07 PM – 2:52 PM
OBV Home Site	MSE Wall	Barner Const. Wetland
3:20 PM – 4:00 PM	3:32 PM – 4:02 PM	3:20 PM – 3:50 PM
OBV Floc. Demo	Hilltop Subdivision	AL 181 ALDOT

Old Battles Village = (OBV)



Alabama Soil and Water Conservation Committee and Alabama Erosion and Sediment Control Partnership



Certificate of Training  
Clear Water Alabama 2022, Field Site Visit  
Baldwin County, Alabama  
September 22, 2022

This certifies that

Participated in today's program that involved technical training in erosion and sediment control with 3.6 Contact hours = 0.36 CEUs, 3.6 PDHs or 3.6 PDUs

This certificate and the Field Day Program can be used to document professional development. The Field Day plus the QCI session completes the mandatory 4-hour continuing education requirement for individuals possessing existing QCI certification from the Home Builders Association of AL

*Perry L. Oakes*

Perry L. Oakes  
Erosion and Sediment Control Program Coordinator  
Alabama Soil and Water Conservation Committee

Signature of participant

**4:30 End of Field Day – Pick up certificates**