

Innovative Erosion and Sediment Control Design Workshop

December 5, 2017

Raleigh, NC

Presented by:

NC Department of Environmental Quality - Land Quality Section

In partnership with:

Southeast Chapter - International Erosion Control Association

NCSU Department of Crop & Soil Sciences

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| 8:00-8:05am | Welcome and Introduction
Sheila Holman, Assistant Secretary for Environment, NC DEQ |
| 8:05-8:30am | NC DEMLR Regulatory Update
Julie Coco, NC DEQ, DEMLR |
| 8:30-9:00am | Designing Margin into the E&SC Plan for Environmentally Sensitive Areas
Melanie Gardner, Duke Energy |
| 9:00-9:30am | NC Stormwater Rules 411
Julie Ventaloro, Stormwater Permitting Program |
| 9:30-10:00am | Using Drones for Construction Stormwater Management
Rob Austin, NC State University |
| 10:00-10:30am | Break and Visit Vendors |
| 10:30-11:00am | Design Considerations for Converting Temporary Sediment Basins to Post Construction SCMs
Barney Blackburn, Wake County |
| 11:00-11:30am | Environmental Regulations
John Payne and Carolyn McLain, NC DOJ |
| 11:30am-12:00pm | Forest Management Practices
Tom Gerow, NC Forest Resources |
| 12:00-1:00pm | Lunch Provided |

- 1:00-1:30pm **Managing Erosion and Sedimentation Control on Single Family Residential Construction Sites**
Lori Britt, NC DEQ
- 1:30-2:00pm **Implementing and Phasing E&SC on Transportation Design Build Projects**
Jonathan Bivens, S.T. Wooten Corporation
- 2:00-2:30pm **Groundcover - Again and Again**
Brad Cole, NC DEQ, DEMLR
- 2:30-3:00pm **Research Update: Tackifiers, Flocculants, Infiltration and More!**
Rich McLaughlin, NC State University
- 3:00-3:30pm **Break and Visit Vendors**
- 3:30-4:00pm **Are You Storm Ready? Duke Energy Construction Projects**
Dawn Phipps, Duke Energy
- 4:00-4:30pm **Designing and Managing Pollution Prevention on Your Construction Site**
Beth McLaughlin, McLaughlin Consulting
- 4:30-4:35pm **Closing Remarks**